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GEORGIA® POULTRY EQUIPMENT CO.

SHENANDOAH Ag SUPPLY™

EASTERN SHORE Poultry services
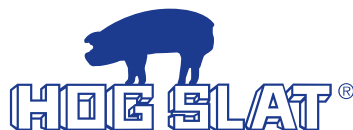
2021 Turkey Equipment Catalog

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2 YEAR WARRANTY

GrowerSELECT®

GrowerSELECT® motors are engineered replacements for most popular fan and auger systems on the market. All motors feature a high service factor rating with overload protection. GrowerSELECT® motors come with our exclusive

2 YEAR WARRANTY

BarnRX

Schedule barn maintenance from your phone with BarnRX. Download for free today.
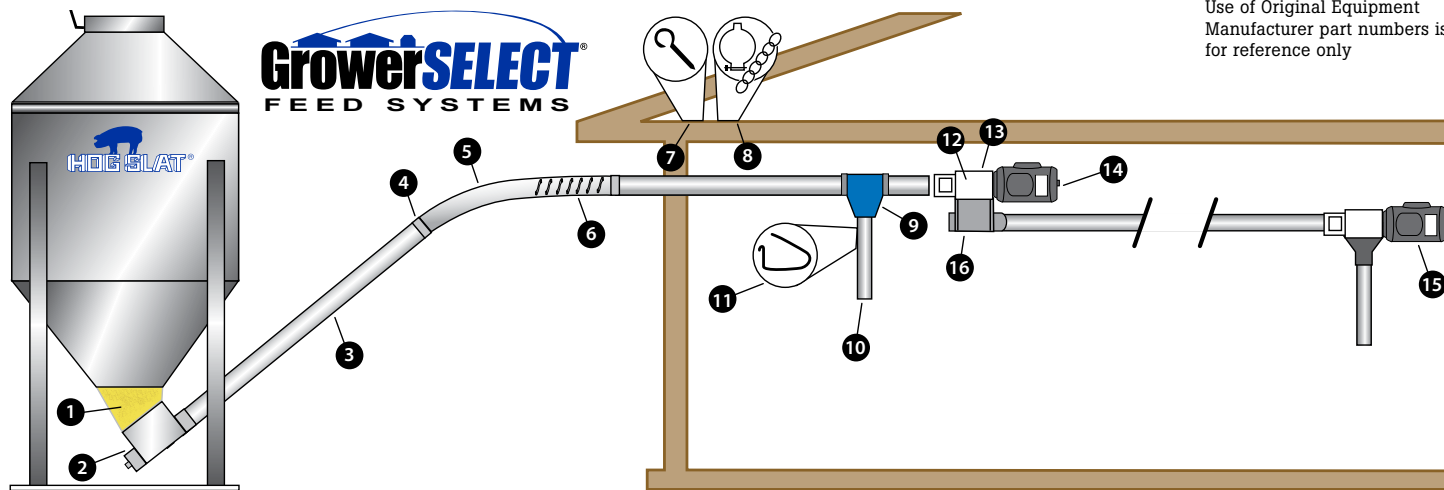
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QUICK INDEX

GrowerSELECT®
FEED SYSTEMS

Model	Tube Dia (OD)	Capacity Lbs /Min	Motor Sizing/Hp	Max System Length	Max Extension Length
MODEL 55	2-1/4"	15	1/3	150'	185'
			1/2	250'	285'
MODEL 75	3"	50	1/2	80'	125'
			3/4	150'	185'
			1	200'	245'
MODEL 90	3-1/2"	100	1/2	30'	65'
			3/4	90'	125'
			1	150'	185'
MODEL HR	3-1/2"	50	1/2	30'	55'
			3/4	90'	105'
			1	150'	185'

1) Boots

A simple glance will alert you to potential problems with feed delivery. Injection molded of impact-resistant clear polycarbonate. The GrowerSELECT replacement boot fits any 16" bin opening. Our black polyethylene double straight unloader boot has a 14" diameter.
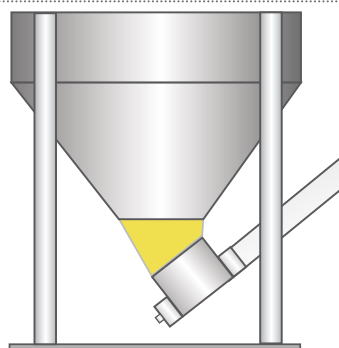
Item #	Description	Chore-Time®	AP®
HS524	30° clear upper boot	4347C	FLX-2194C
HS525	Straight upper boot	6093C	FLX-2195C
HS662	Double unloader Boot	–	FLX-4869

Hardware Package
Includes:
18) 5/16" x 3/4" zinc plated bolts, washers & nylon nuts.

#HS530 ....Hardware pkg. upper boot
AP..FLX-2196

SINGLE
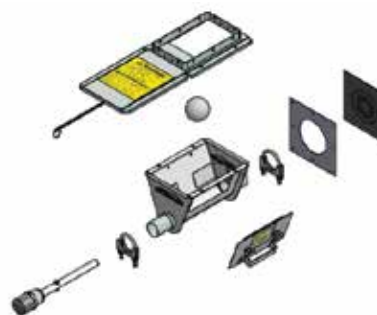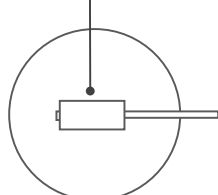
2) Single Unloader Kits
A) Single Unloader w/ Anchor Bearings and Transfer Plate

#HS556KIT...Model 55
#HS520KIT...Model 75
#HS557KIT...Model 90
#HS557HRKIT...Model HR
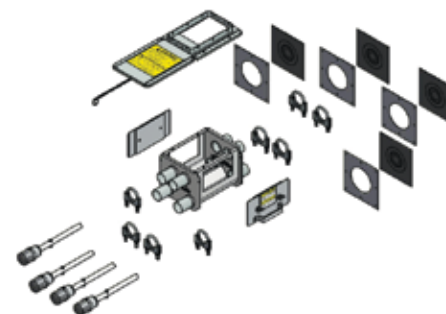
Quad Unloader
w/ Anchor Bearings and Transfer Plate

#HS522KIT...Model 55

SINGLE   SINGLE TANDEM

TWIN   TWIN TANDEM

DOUBLE TWIN   DOUBLE TWIN TANDEM
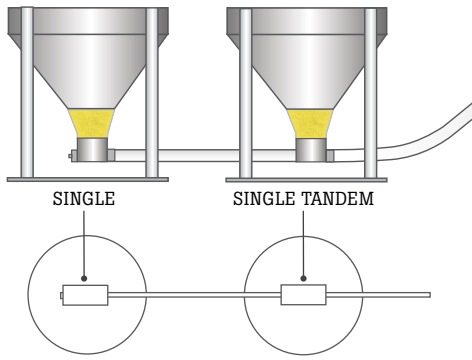
A) Single Unloader with Anchor Bearings and Transfer Plate

#HS556KIT..Model 55
#HS520KIT..Model 75
#HS557KIT..Model 90
#HS557HRKIT.......................................Model HR
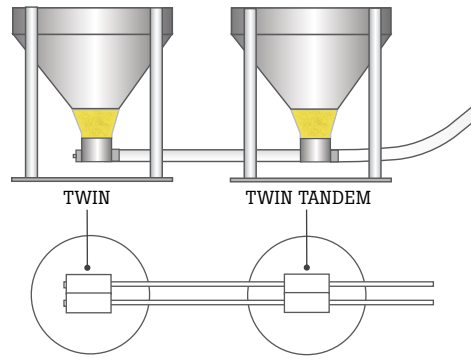
C) Twin Unloader with Anchor Bearing, Transfer Plate & Baffles

#HS555KIT..Model 55
#HS521KIT..Model 75
#HS558KIT..Model 90
#HS558HRKIT.......................................Model HR
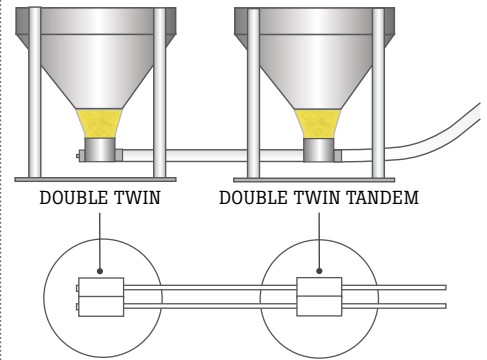
E) Twin Unloader with Anchor Bearing & Double Transfer Plate

#HS555KITDT...Model 55
#HS521KITDT...Model 75
#HS558KITDT...Model 90
#HS558HRKITDT...................................Model HR
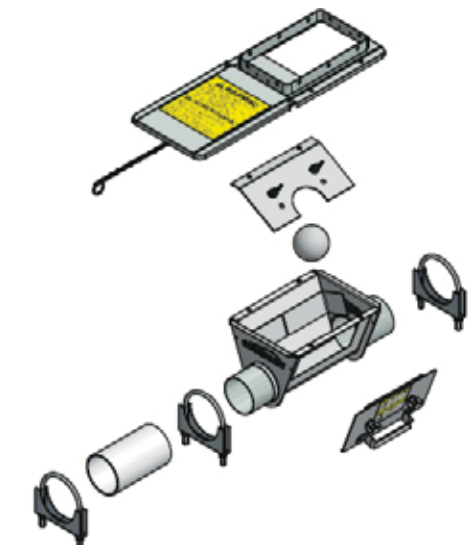
B) Single Tandem Unloader with Transfer Plate

#HS556TKIT..Model 55
#HS520TKIT..Model 75
#HS557TKIT..Model 90
#HS557HRTKIT.....................................Model HR
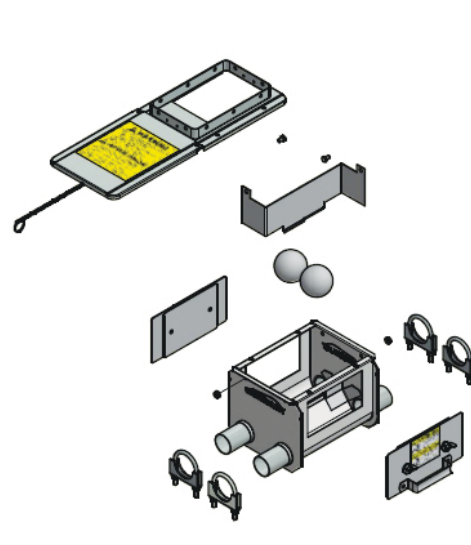
D) Twin Tandem Unloader with Transfer Plate

#HS555TKIT..Model 55
#HS521TKIT..Model 75
#HS558TKIT..Model 90
#HS558HRTKIT....................................Model HR
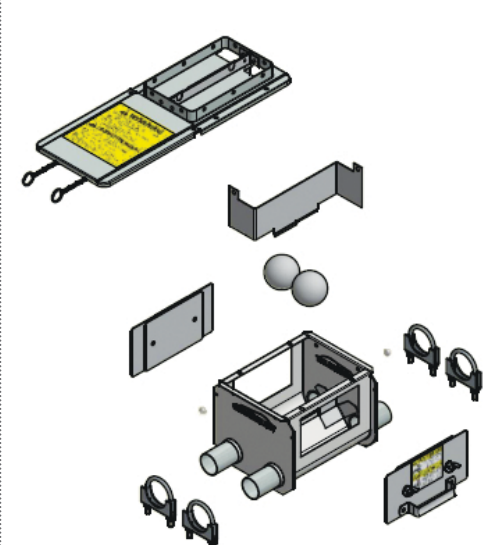
F) Twin Tandem Unloader with Double Transfer Plate

#HS555TKITDT.......................................Model 55
#HS521TKITDT......................................Model 75
#HS558TKITDT......................................Model 90
#HS558HRTKITDT................................Model HR

SINGLE

TWIN

NOW AVAILABLE IN STAINLESS STEEL

QUAD

#HSAB45UP

#HSAB55CF

#HSAB75C

#HSAB75-OS

#HSAB300

#HSAB55

#HSAB55C

#HSAB90U

#HSAB90U-HR

#HSAB90S

#HSAB75CP

#HSAB108E

#HSAB108

Boot Body Weldments

Item #	Description	Chore-Time®	AP®
SINGLE			
HS556	Single Model 55	7999	–
HS556SS	Single Model 55 – SS	–	–
HS520	Single Model 75	36588	–
HS520SS	Single Model 75 – SS	–	–
HS557	Single Model 90	8873	FLX-2053
HS554	Single Model 108	30386	–
TWIN			
HS555A	Twin Model 55	7998	–
HS521	Twin Model 75	36350	–
HS558	Twin Model 90	36354	FLX-2116
HS735	Twin Model 108	35617	–
QUAD			
HS522	Quad Model 55	7980	–

Anchor Bearing Assembly

Item #	Description	Chore-Time®	AP®
HSAB45UP	Feedline	6817	07098932
HSAB55C	Model 55	39405	FLX-4879
HSAB55	Model 55	–	FLX-4646
HSAB55CF	Model 55 – flag	39408	–
HSAB75C	Model 75	37346	FLX-4648C
HSAB300	Model 300	–	FLX-4648
HSAB75-OS	Model 300 (old style)	–	FLX-2227
HSAB75CP	M75 / pellet	–	–
HSAB90U	Model 90	35343	FLX-4650
HSAB90U-HR	High Roughage (M90 Boot & M75 Auger)	–	FLX-4648HR
HSAB90S	Model 90 – Screener	35345	–
HSAB108	Model 108 – Unrestricted	35766	–
HSAB108E	Model 108 – Restricted	35767	–

Transfer Plate and Slide Assembly

Item #	Description	Chore-Time®	AP®
HS523	Single transfer plate assembly	6284	BLK-11137

Double Transfer Plate Assembly

Item #	Description	Chore-Time®	AP®
HS541	Double transfer plate assembly	36683	FLX-4234

NOW AVAILABLE IN STAINLESS STEEL OR CLEAR PLASTIC

Access Cover for Boot Weldments

Item #	Description	Chore-Time®	AP®
HS526	Galv. access cover	6197	FLX-4239
HS526C	Clear access cover	–	FLX-5127
HS526SS	Stainless steel cover	–	–

Slide Gate

Item #	Description	Chore-Time®	AP®
HS523-12	Single, 11.31" x 6.6"	4357	–
HS523-17	Double, 11.31" x 3.125"	–	–
HS523-25	Single, 11.91" x 6.1"	–	FLX-4782
HS451	Double, 11.25" x 3.25"	–	FLX-4320

Use of Original Equipment Manufacturer part numbers is for reference only.

3" Agitator Ball

Item #	Description	Chore-Time®	AP®
HS527	3" agitator ball	3531	00404238

Tube Clamps

Item #	Description	Chore-Time®	AP®
CLAMP200	2" tube clamp	7084	–
CLAMP225	2-1/4" tube clamp	**–**	S-4490
CLAMP300	3" tube clamp	6515	–
CLAMP325	3-1/4" tube clamp	**–**	S-9186
CLAMP400	4" tube clamp	6721	S-4443
CLAMP450	4-1/2" tube clamp	34358	–
CLAMP550	5-1/2" tube clamp	**–**	S-4494

3) 10' Straight PVC Tube

Item #	Description	Chore-Time®	AP®
HSAT55-S	Model 55, 2-1/4" OD	7955	PVC-1004
HSAT75-S	Model 75, 3" OD	6516	PVC-1005
HSAT90-S	Model 90, 3-1/2" OD	6293	PVC-1006
HSAT108-S	Model 108, 4-1/2" OD	34547	–

4) PVC Tube Coupler

Item #	Description	Chore-Time®	AP®
HSAT55-C	Model 55	8029	FLX-2537
HSAT75-C	Model 75	7084	FLX-2538
HSAT90-C	Model 90	7085	FLX-2539
HSAT108-C	Model 108	34557	–
HSAT125-C	Model 125	–	FLX-2540

5) 45° PVC Elbows, 5' radius

Item #	Description	Chore-Time®	AP®
HSAT55-45	Model 55	34855	PVC-1101
HSAT75-45	Model 75	7285	PVC-1001
HSAT90-45	Model 90	7357	PVC-1002
HSAT108-45	Model 108	34546	–
HSAT125-45	Model 125	–	PVC-1003

GROW-FLEX™

6) Grow-Flex™ Auger

Our innovative manufacturing process forges a stronger, more durable auger with superior flexing and breaking strength that outperforms standard augers.

Item #	Description	Chore-Time®	AP®
HSFA-44	Model 44	6820	FLXA-14375
HSFA-44D	Model 44 drag auger	**–**	FLXA-1520
HSFA-55	Model 55	7961	FLXA-1520
HSFA-75	Model 75	4744	FLXA-2390
HSFA-75P	Model 75 (pellet)	**–**	FLXA-2206
HSFA-90	Model 90	6942	FLXA-2710
HSFA-108	Model 108	30108	–
HSFA-125	Model 125	–	HSFA-125

7) Cup Hooks

#60665 .... 1/4" x 3-1/2" galvanized
#606655 .... 1/4" x 3-3/4" SS

8) Chain & EMT Clamp

#60673 ....#2 twin loop chain, zinc
#60678 ....#2/0 twin loop chain, zinc
#606733 ....#1 twin loop chain, SS
#60399 ....3" EMT clamp, zinc

9) Plastic Wye Drop Adaptor

• 3" x 3" x 3"
#HS39187 ....Plastic wye drop adaptor

9) Drop Adaptors

• 100% Feed Drop Out
• Secure hose clamp connections with overlapping seams to prevent water entry.
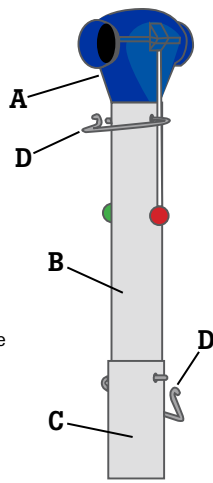• Fits existing brands of feed tubes.

#HS655 .... M55/220
#HS675 .... M75/300
#HS690 .... M90/350

Use of Original Equipment Manufacturer part numbers is for reference only.

10) Drop Tube

Drop tube part number combinations that make up the telescoping drops.

A – Drop Tube Adaptor
B – Top Tube
C – Bottom Tube
D – Clips

MODEL	A	B	C	D	SINGLE TUBE
55	HS655	HSDT005	HSDT003	60638	HSDT005
75	HS675	HSDT005	HSDT003	60638	HSDT005
90	HS690	HSDT001	HSDT006	60638	HSDT001
HR	HS690	HSDT001	HSDT006	60638	HSDT001
Control Unit		HSDT001	HSDT006	60638	HSDT001

Item #	Description	Chore-Time®	AP®
HSDT001	3.937" ID x 4.125" OD x 12'	–	AP-1766
HSDT002	3" ID x 3.188" OD x 12'	1932	FLX-2425
HSDT003	3.562" ID x 3.750" OD x 12'	6381	FLX-2427
HSDT004	3.937" ID x 4.125" OD x 6'	–	FLX-2428
HSDT005	3.313" ID x 3.5" OD x 6'	–	FLX-2426
HSDT006	4.187" ID x 4.375" OD x 12'	–	FLX-2429

Drop Adaptors

Item #	Description	Chore-Time®	AP®
HS655	M55/220	43455C	GAPCD-109
HS675	M75/300	43475C	AP-2276 & FLX-2433
HS690	M90/350	43490C	FLX-2434

Flexible Drop Tube

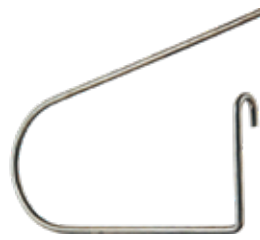| Item #	Description	Chore-Time®	AP®
HSFLX-2563F	3" ID, galv. (25' roll)	7497	FLX-2563
HSFLX-2564F	3-1/2" ID, galv. (25' roll)	6383	FLX-2564

Clear Flexible Drop Tube

#52776 ....3" ID, 3.35 OD flexible tube, clear
#52777 .... 3-1/2 ID, flexible tube, clear
#527773 ....5" ID, 5.63 OD flexible tube, clear

11) Wire Pin

Item #	Description	Chore-Time®	AP®
60638	4" for attaching drop tubes	41657	FLX-4278

12) Control Unit

Item #	Description	Chore-Time®	AP®
HS693	Complete w/ relay	–	FLX-4496
HS593	Control unit W/O relay	6560 & 24482	
HS591KIT	Power head drop cone	–	FLX-2017

13) Direct Driver & Tube Anchor

Item #	Description	Chore-Time®	AP®
HS536	Model 55	24102-8	FLX-2699
HS531	Model 75	24102-2	FLX-2696
HS531P	Model 75 /pellet	–	FLX-5210
HS537	Model 90	24102-3	FLX-2697
HS540	Model HR	–	FLX-2737

## 14) Direct Drive Power Units, 256 RPM

Complete with motor, gear heads, pinion, 36" pigtail cord and 15 oz. bottle of gear oil. All units are 115/208-230 Volts.

Item #	Description	Chore-Time®	AP®
HS9021D8	1/2 Hp Model 75 & 90	3259-50	FLX-2673
HS9022D8	3/4 Hp Model 75 & 90	3259-136	FLX-2674
HS9023D8	1 Hp Model 75 & 90	–	FLX-3629

15) Direct Drive Power Unit, 352 RPM

Item #	Description	Chore-Time®	AP®
HS9020D1	1/3 Hp Model 55	3259-34	FLX-2458
HS9021D1	1/2 Hp Model 55	3259-39	FLX-2459
HS9022D2	3/4 Hp Model 75 & 90	3259-52	FLX-2460
HS9023D2	1 Hp Model 75 & 90	3259-49	FLX-2461

Use of Original Equipment Manufacturer part numbers is for reference only.
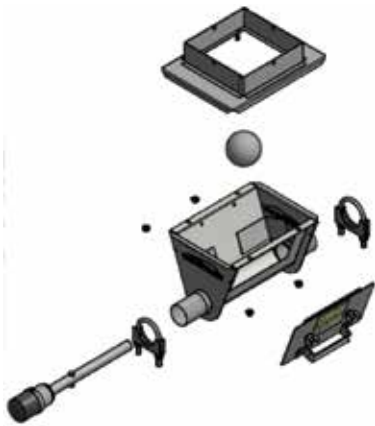
16) Extension Unloader Kits

Single Unloader Kits w/ Anchor Bearings and Control Unit Adaptor

#HS556KITA.. Model 55
#HS520KITA...Model 75
#HS557KITA.. Model 90
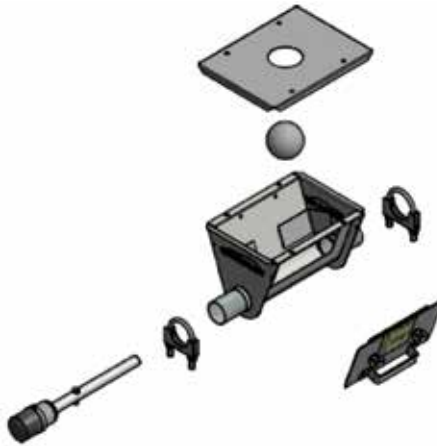
Single Unloader w/ Anchor Bearings and Drop Adaptor 2.9"

#HS556KITB ....Model 55
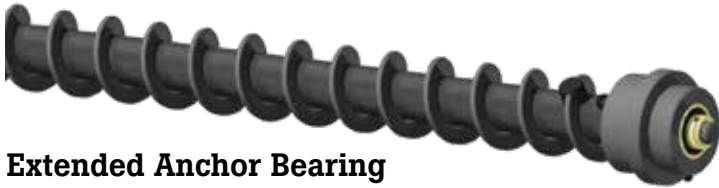**#HS520KITB** ....Model 75
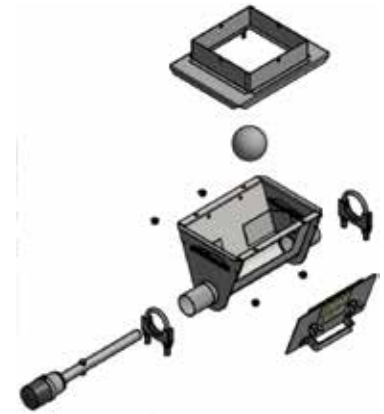
STAINLESS STEEL
Single Unloader Kit w/ Anchor Bearings & Galvanized Control Unit Adaptor

Unloader weldment and access cover constructed of 16 gauge, 304 stainless steel. Control Unit Adaptor and clamps are galvanized.

#HS520SSKITA...Model 75
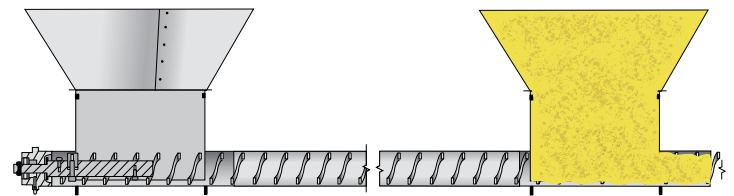

Extended Anchor Bearing

Eliminate problems with auger breaking and plugging when feeding out of the front bin of a tandem system. With the extended anchor bearing you can open the slide gate and remove restrictor baffles that cause bridging.

The standard anchor bearing features a restrictor tube to prevent the core of the auger from overfilling. The extended anchor simply extends the restrictor tube forward to the front bin.

Remove the existing anchor bearing on the back bin. Cut the 14' galvanized tube to length extending 2" past the front unloader. Slip the cut tube inside the auger core and attach the new bearing to the rear bin unloader.

Without Extended Anchor

With Extended Anchor
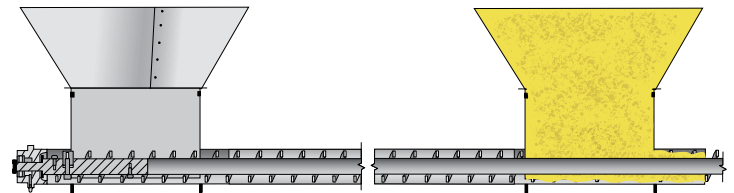
#HSAB75E-10 .... for M75 for GSI **(must also order Part# HSAB75E-8)**
#HSAB75EC-10..for M75 for Chore-Time and GrowerSELECT **(must also order Part# HSAB75E-8)**
#HSAB75E-8 .... 14' Galvanized Tube for Extended Anchor Bearing

Control Unit Assembly

Item #	Description	Chore-Time®	AP®
HS589	Switch Assy. w/o Relay	30953	–
HS689	Switch Assy. w/ Relay	–	FLX-4512

Use of Original Equipment Manufacturer part numbers is for reference only.

Gear Head Oil

Item #	Description	Chore-Time®	AP®
HS450	Gear Head Oil	–	FLX-4471

Auger Gear Heads

Item #	Description	Chore-Time®	AP®	Big Dutchman®	Valco®
HSGR001	352 RPM, Mdl 55	3261-5	–	–	–
HSGR002	352 RPM, Mdl 75/90	3261-7	–	–	–
HSGR003	358 RPM, Poultry w/ clamp	–	0040408	–	–
HSGR004	358 RPM	–	FLX-4277	–	–
HSGR005	216 RPM	–	–	–	–
HSGR009	358/296 RPM at 60/50 Hz – 58	–	–	11-00-1005A	–
HSGR010	693/573 RPM at 60/50 Hz	3261-17	–	–	–
HSGR011	266/222 RPM at 60/50 Hz – 58	–	–	86-00-2667	–
HSGR012	266/222 RPM at 60/50 Hz	–	FLX-4403	–	–
HSGR014	441/364 RPM at 60/50 Hz – 78	–	FLX-4405	–	–
HSGR015	256/213 RPM at 60/50 Hz – 58	–	–	–	–
HSGR016	216/179 RPM at 60/50 Hz – 58	3261-1	–	–	–
HSGR017	156/130 PRM at 60/50 Hz – 78	–	–	–	–
HSGR021	62/52 RPM at 60/50 Hz- 78	3261-9	–	–	–
HSGR022	657/542 RPM At 60/50 Hz 3/4"	–	–	–	450369

#HSP01   #HSP03

Pinion Gears

Item #	Description	Chore-Time®	AP®	Big Dutchman®	Valco®
HSP01	Straight pinion, 1/2" ID	–	FLX-4275	–	–
HSP02	Straight pinion, 5/8" ID	–	FLX-4276	11-00-9364	–
HSP03	Helical pinion, 1/2" ID	5046	–	–	–
HSP04	Helical pinion, 5/8" ID	6104	–	–	–
HSP05	Straight pinion, 1/2" ID	3249	–	–	–
HSP06	Straight, 1.812" long, 1/2" ID	–	FLX-2983	11-00-9151	–
HSP07	Straight, 14 tooth x 2.25" long, 5/8" ID	–	FLX-2973	86-00-0205	–
HSP08	Straight, 14 tooth x 3" long, 5/8" ID	–	FLX-4542	–	–
HSP09	Straight 14 teeth 1/2" bore 2.170" long	–	–	10-00-9613	450366

GrowerSELECT®
Direct Drive Auger Motors

2 YEARS WARRANTY 2 YEARS

Superior engineering makes GrowerSELECT® the best replacement motor for any operation.

- Features stress-proof 1144 steel shaft to prevent breakage
- Permanently lubricated ball bearings provide extended service
- Shielded centrifugal starting switch protects against over spin conditions
- Manual overload protection
- Higher Service Factor
- 1725 RPM, 50/60 Hertz

Replacement OEM Part Numbers*

Item #	AP/Cumberland®	Chore-Time®	Valco®
HS9020A	FLX-4763	4229	735390
HS9021C	FLX-4764	5050C	735391
HS9022A	FLX-4765	5051	736392
HS9023C	FLX-4766	6857	735393
HS9024A	FLX-2473	8782C	–

Use of Original Equipment Manufacturer part numbers is for reference only.

HS9020A
HP: 1/3
Shaft Size: 1/2"
F.L. Amps: 5.4/2.7-2.7
Volts: 115/208-230
Frame: 48Y

HS9021C
HP: 1/2
Shaft Size: 1/2"
F.L. Amps 8.7/ 4.3-4.4
Volts: 115/208-230
Frame: 56Y

HS9022A
HP: 3/4
Shaft Size: 1/2"
F.L. Amps 10.4/5.0-5.2
Volts: 115/208-230
Frame: 56Y

HS9023C
HP: 1
Shaft Size: 5/8"
F.L. Amps 8.8/4.4-4.4
Volts: 115/208-230
Frame: 56HY

HS9024A
HP: 1-1/2
Shaft Size: 5/8"
F.L. Amps 15.7/7.8-7.8
Volts: 115/208-230
Frame: 56HY

GrowerSELECT®
Infrared Feed Control

Control uses advanced infrared light technology to detect feed levels and the control feed system. Intuitive multicolor function display shows controller status at a glance. Functions include max run time monitoring, FEED NOW to bypass feed delay, continuous run, and timed mode. Includes relays for direct connection to the auger motor and alarm output.

#HS820 ....Infrared Feed Control

GrowerSELECT®
Hopper Level Control Switch

Fully enclosed "normally closed" switch eliminates shock hazard. Switch features adjustable arm to set feed depth and removable feed shield to adapt to different applications. Prewired "Normally Closed" 110/220 Volt, 20 Amps max.

#HS597...Hopper Level Control Switch
#EL1052M..Replacement Micro Switch
#HS597-4..Replacement Blue Cloth Switch Cover

GrowerSELECT®
Hopper Level Proximity Control Switch

This hopper level control switch utilizes a proxy switch to eliminate problems with paddles and fabric diaphragms. Easy height adjustment to control feed level. Designed to work with HS765 Multi-Hopper Isolation Switch. The HS597-PROX is a low current device (220mA max) and can only be used to operate a relay or other low current loads

#HS597-PROX..Hopper Level Prox Control Switch

GrowerSELECT®
Feed Level Control

Controls feed motor to regulate the feed level in hoppers and feeders. Circuit is normally closed (motor runs) when there is no feed present against the paddle. The circuit is open (motor stops) when feed is against the paddle. The single pole, double throw switch is rated at 20 amps or approximately 1 HP.

#HS529 .... Inside Mount Hopper Control Level
#EL1052M.. Replacement Micro Switch
#HS529-7 ....Replacement Blue Cloth Switch Cover

GrowerSELECT®
Multi-Hopper Isolator Switch

The HS765 Multi-Hopper Switch Isolator allows for the connection of up to four hopper level switches to one location providing a single Normally Closed (N/C) output. The output can be connected to an auger control unit to control the operation of the auger motor. The four hopper level switches are isolated so that electromechanical or two wire proximity switches can be used in any combination. With the HS765, any of the four switches can call for feed causing the auger motor to power on. Relay Output Contact Rating:1-1/2 HP @ 220-240VAC 50/60 Hz.

#HS765... Multi-Hopper Isolator Switch

GrowerSELECT®
Proximity Drop Tube Control

An updated drop tube control featuring a proximity for increased reliability. Assembly includes a 16" long molded plastic housing with non-adjustable proxy switch. Complete with watertight control box and 36" pigtail cord. 110/220 volt, 20 amp, rated for 1-1/2 motor.

#HS782... Proximity Drop Tube Control

GrowerSELECT®
Delay Relay Kit

Prevents auger motor from "short cycling" & causing premature motor failure.

#HS598 .... Switch w/ internal relay, adjusts from 1-100 sec
#HS617 ....Switch w/o internal relay, adjusts from 1-1000 sec

Max Run Timer

Help prevent a spill by controlling your maximum motor run times.

#GE100-A1047 ....AP Maximum run

GrowerSELECT® Adult Turkey Feeder

#HST1000..Adult Turkey Feeder
#HST1000S...Adult Turkey Feeders, Low Profile, 2" shorter

Heavy–duty galvanized shield designed to withstand large birds.

Removable, two–piece top aids installation and replacement.

Square, free–swinging, steel drop tube allows feeder to move to reduce bruising.

Flue ring adjustment permits accurate control of feed level to prevent waste. Molded cone in pan distributes feed for 360° bird access.

Robust polypropylene feed pan features classic deep V design with feed saver lip. Reinforced pan stands up to even the most aggressive birds.
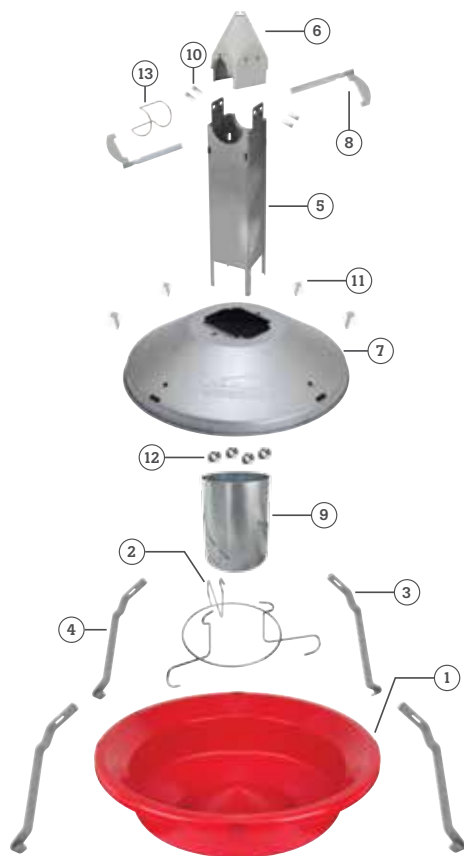
#EL1103.......... 18" Protector Cord for Control Pans

Turkey End Control Pan

Utilizes a proximity switch to detect feed levels and control the motor. The internal solid state circuit is sealed from dust and moisture with adjustable sensitivity to adapt to varying feed textures.

#HST1100 .... Mechanical End of Line Turkey Control Pan

HST1000 & HST1000S Adult Turkey Feeders

Replacement parts for our pans are available
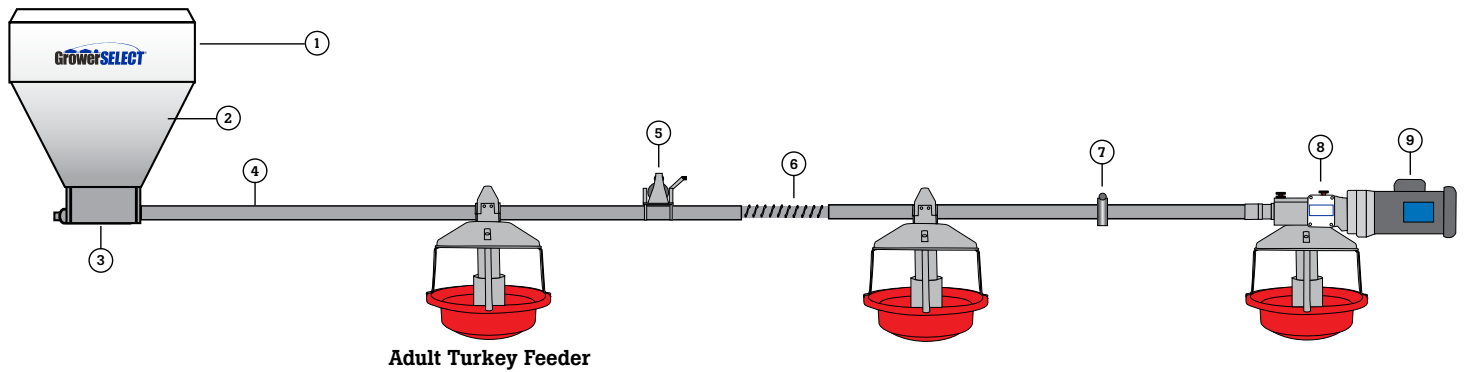using the diagram as a reference.

Key	Qty	Item#	Description
1	1	HST1000-1	Pan
2	1	HST1000-10	Adjustment Flue Support
3	3	HST1000-8	Feeder Shield Support Leg
3A	3	HST1000S-8	Feeder Shield Support Leg, Low Profile
4	1	HST1000-14	Swinging Support Leg
4A	1	HST1000S-14	Swinging Support Leg, Low Profile
5	1	HST1000-7	Feed Tube
5A	1	HST1000S-7	Feed Tube, Low Profile
6	1	HST1000-4	Drop Tube Top
7	1	HST1000-13	Shield
8	2	HST1000-9	Locking Bar
9	1	HST1000-16	Flue ring adjustment
10	4	13664-00200	Screw #10-24 x 3/8" Hex Slot Washer Zinc w/ Nylon Patch
11	4	6070900	Carriage Bolt 1/4-20 X 5/8" Zinc
12	4	60680	Lock Nut Hex Nylon Insert 1/4-20 Zn
13	1	HST1000-15	Centering Clip
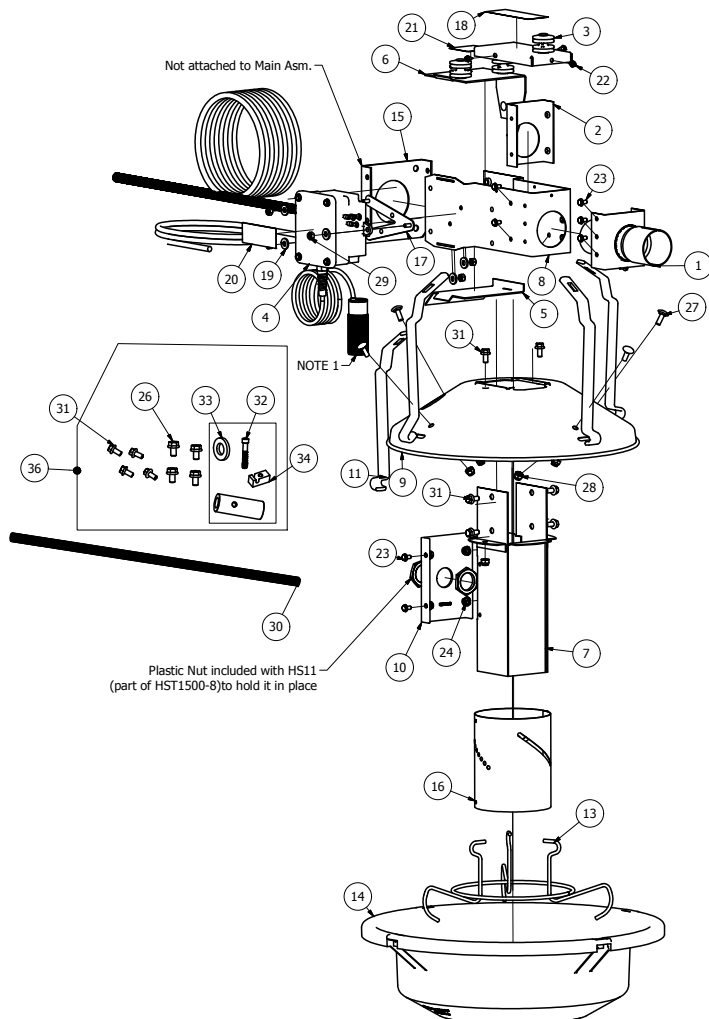
HST1500 End Control Pan

Key	Qty	Item#	Description
1	1	HST1500-24	Inlet, Complete EOL Control, 2 In
2	1	HST1500-38	Control Unit, U-Bracket
3	1	HST1500-34	Cover, Hopper, EOL Unit, Complete
4	1	HS11	Sensor Assy, EOL Unit - Turkey
5	1	HST1500-18	Rear Shield, Hopper - EOL Control- Turkey
6	1	HST1500-44	Cover Asy, Hopper - EOL Control - Turkey
7	1	HST1500-46	Tube, Assy, Drop
8	1	HST1500-12	EOL Control Unit, Body
9	1	HST1500-1	EOL Shield, Turkey Feeder
10	1	HST1500-9	Support, Sensor, EOL Unit, Turkey
11	3	HST1000-8	Leg, Support, Feeder Shield
12	1	HST1000-14	Leg, Support, Swinging
13	1	HST1000-10	Support, Adjustment Flue
14	1	HST1000-1	Pan, Turkey Feeder
15	1	HS8500-19	Housing Bracket Cap
16	1	HST1000-16	Ring, Adjustment, Flue
17	1	HST1500-5	Bracket, Control Box, EOL Control Unit
18	1	HSLABEL-035	Warning Label, Rotating Auger
19	5	608980	Washer Flat #10 X 0.500" OD SS
20	1	HSLABEL-224	Label, Hst1500 End Of Line Control Pan
21	1	HSLABEL-008	Label,Warning-Shock Hazard (English)
22	3	616557	8-18 - 0.375" Slotted Indented Hex Washer Head Tapping Screw - Type Ab - Inch
23	14	60930	Hexagon Head Screw
24	4	9802140000	Nut, 10-24 Whiz Flange SS
25	1	HS539	Tube, Driver
26	4	605095	Bolt Serrated Hex Flange 5/16"-18 X 1/2" Gr. 5 Zinc
27	4	6070900	Bolt Carriage 1/4-20 X 5/8" Zinc
28	6	60680	Nut Lock Hex Nylon Insert 1/4-20 ZN
29	5	1121010500	Nut,Hex,Nyloc #10-32 UNF
30	2	El1103	Protector Cord 18"
31	10	605010	Bolt Serrated Hex Flange 1/4-20 X 1/2" Gr. 5 Zinc
32	1	619582	SHC 1/4-20 X 1-1/2 W/Lock Patch
33	1	605841	Washer Flat 5/8 Uss Zinc Grade 2 SS
34	1	HS536-1	Clamp, Auger

Not attached to Main Asm.

NOTE 1

Plastic Nut included with HS11
(part of HST1500-8)to hold it in place

Turkey Feed Systems

Adult Turkey Feeder

1) Feed Line Hoppers

20 ga. galvanized feed hopper with Dual Point suspension. Can also be mounted with top single point suspension. Ships unassembled.

#HS569A-200................................. 200 lb
#HS569A-300................................. 300 lb

2) Hopper Level Control Switch

Fully enclosed "normally closed" switch eliminates shock hazard. Switch features adjustable arm to set feed depth and removable feed shield to adapt to different applications. Prewired "Normally Closed" 110/220 Volt, 20 Amps max.
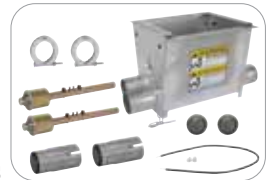
#HS597......................Hopper Level Control Switch

3) Unloader Kits

#HST1610KIT .... Single Unloader Kit
#HST1600KIT .... Twin Unloader Kit

4) Turkey Tube

#HSPFT200-110 .... 2", 1 on 10' (80" spacing)
#HSPFT200-210 .... 2", 2 on 10' (60" spacing)
#HSPFT200-210L .... 2", 2 on 10' (80" spacing)
#HSPFT200-310 .... 2", 3 on 10' (40" spacing)

5) Winch Kit

#HST1733 .... Winch for feed level adjustment
#HST501 ....Cable With Stop 3/32"
#HST501-5S...........Cable With Stop 3/32", 5 Sets

6) Grow-Flex™ Auger

Our innovative manufacturing process forges a stronger, more durable auger with superior flexing and breaking strength that outperforms standard augers.

#HSFA-44 .... Flexible Auger 44mm

7) Feed Line Clamp

#HST500.................................. 2" Feed line clamp

8) End Control Pan

#HST1500.........................Proximity switch model
#HST1100 .... Mechanical switch model

9) Drive Units

Complete with 115/230v motor, 352-rpm gear head, pinion, driver connection kit, gear oil and hardware. Includes 36" pigtail cord.

#HS9020D1-P..1/3 Hp
#HS9021D1-P..1/2 Hp

Boot Weldments

#HST1610...........................Single Boot Weldment
#HST1615..........................Single Boot Weldment,
(1-3/4" Anchor Bearing)
#HST1600..........................Double Boot Weldment

Anchor Bearing

#HSTAB45..........................Turkey Anchor Bearing

Insulator Kit

#HST1734 ....Insulator Kit, Turkey

Feed Line Hanger

#HST1001 ....Feed Line Hanger
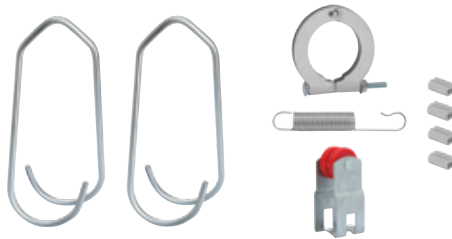
Adult Turkey Hanger Kit

#HST1735-10 .... Hanger Kit Adult Turkey 10'
#HST1735-40............Hanger Kit Adult Turkey 40'

HOG SLAT®

Turkey Feeder Adjuster Cable Kit

Turkey feeder adjustment cable kit with cable clamps.

#HST501 ....Cable Adjustment w/Stop 3/32"
#HST501-5S.....Cable Adjustment w/Clamp, 5 Sets

Thumb Nut

#HSH032 ....1/8", red

Galvanized Cable

#61726-1000........................7 X 7 1/8'' 1000' Roll
#52260-1000.......................1 X 7 1/16" 1000' Roll

Cable Clamps & Sleeves

#61732.................... 1/8" Galvanized **Cable Clamp**
#52286.. Cable Sleeve 1/16"
#52284.. Cable Sleeve 1/8"
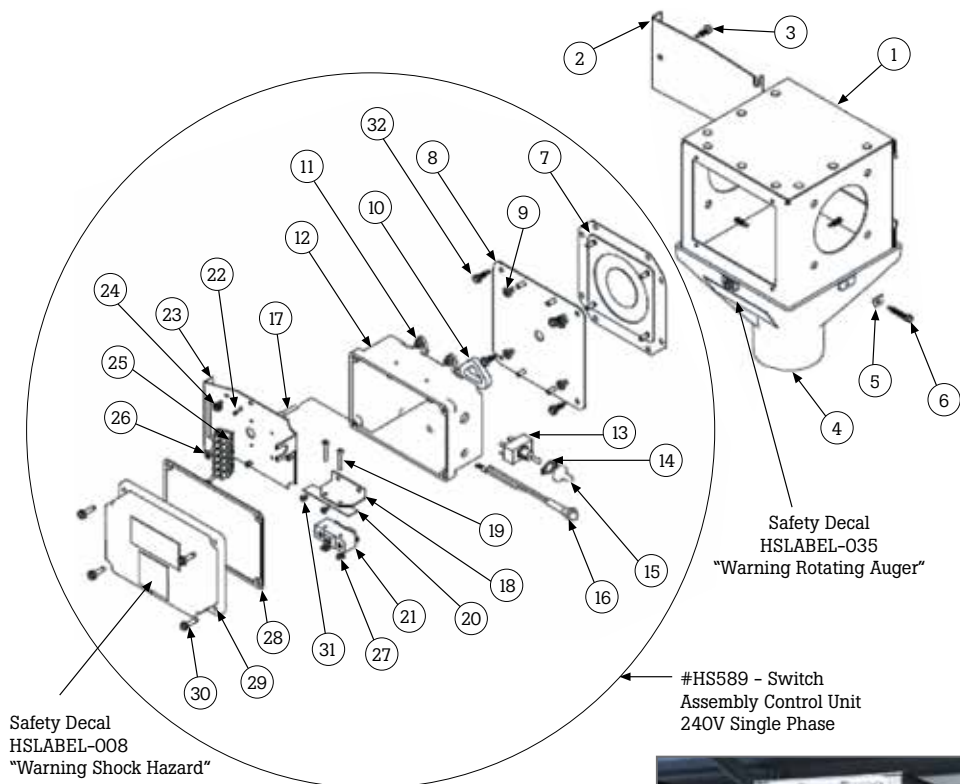
Safety Decal
HSLABEL-008
"Warning Shock Hazard"

Safety Decal
HSLABEL-035
"Warning Rotating Auger"

#HS589 – Switch
Assembly Control Unit
240V Single Phase

Control unit

230 volt unit for all models. Includes drop cone.

#HS593 .... Control Unit w/ No Relay
#HS693 ....Control Unit w/ Relay for Proximity Switches

Replacement Parts

1) #HS590-1	Assembly Hopper
2) #HS590-11	Access Gate
3) #9705090500	#10-16 x 3/4" Hex Self Drilling Screw
4) #HS591	Drop Cone – Clarified Plastic
5) #HS590-12	Control Unit Clamp
6) #60927	#10-16 x 1" Hex Washer Self Drilling Screw
7) #HS582	Diaphragm Assembly
8) #HS589-8	Switch Assembly Mount Plate
9) #6068014	#10-32 Hex Machine Nut
10) #HS529-45	Plunger Seal
11) #1121010500	#10-32 Nylon Lock Nut
12) #HS589-1	Switch Assembly Enclosure
13) #El1011	Toggle Switch, Dpst, 20A @ 250V, 2 Hp
14) #EL1082	Legend Plate, On/Off
15) #El1083	Toggle Switch Boot Cover
17) #HS589-6	Switch Actuator Pin
16) #El1079	Indicator Lamp, Red, 250V
18) #HS589-5	Switch Mount Bracket
19) #60913	#6-32 x 1", Phillips Pan Head Machine Screw
20) #HS529-50	Insulating Film
21) #EL1052M	Snap Action 20A @ 250V
22) #609160	#6-20 x 3/8" Tapping Screw Type Bt
23) #HS589-4	Switch Assembly Component Mount Plate
24) #30-3194	#10 x 3/8" Thread Forming – Grounding Screw
25) #El1072	6 Position 18-10 Awg Terminal Strip
26) #60921	#6-32 1" Phillips Pan Head Tapping Screw
27) #60912	#6-32 Hex Machine Nut
28) #HS589-3	Gasket
29) #HS589-2	Switch Housing Cover
30) #60932	Shoulder Screw #10-16 x 1.375" Hex Washer Head
31) #60914	#6-32 x 1/4" Screw
32) #9705090500	#10-16 x 3/4" Hex Washer Self Drilling Screw
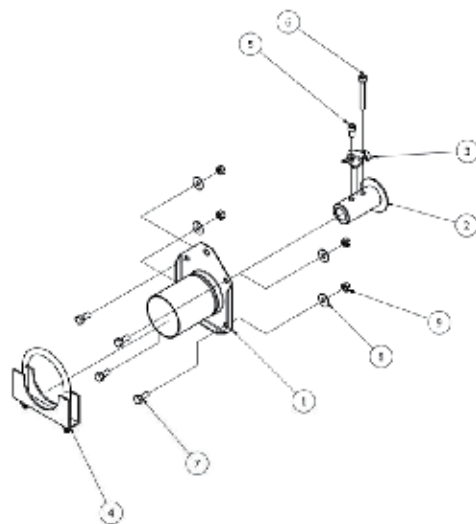
HS531 Direct Drive Kit M75

1) #HS531-2		Weldment Adapter
2) #HS531-5		Weldment Coupling
3) #HS531-8		Clamp Auger
4) #CLAMP325		Clamp U-Bolt 3.125" ZP
5) #91251A578		SHC Screw 5/16-18 x 1/2"
6) #91251A592		SHC Screw 5/16-18 x 2 1/4"
7) #60508		Bolt Hex 5/16-18 3/4" ZN
8) #605800		Washer, 5/16" ZP STL
9) #60571		Nut Hex 5/16-18 ZP STL
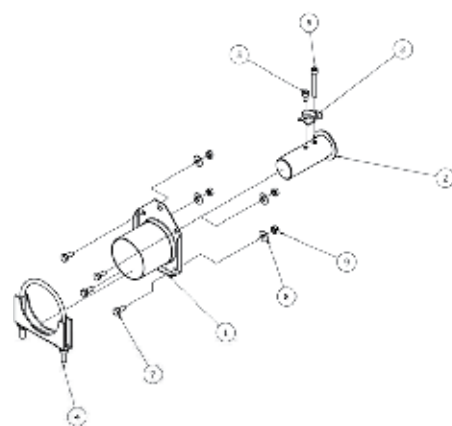
HS537 Direct Drive Kit M90

1) #HS537-2		Weldment Adapter M90
2) #HS537-5		Weldment Coupling
3) #HS531-8		Clamp Auger
4) #CLAMP400		Clamp U-Bolt 4IN
5) #91251A578		SHC Screw 5/16-18 x 1/2"
6) #91251A592		SHC Screw 5/16-18 x 2-1/4"
7) #60508		Bolt Hex 5/16-18 3/4" ZN
8) #605800		Washer, 5/16" ZP STL
9) #60571		Nut Hex 5/16-18 ZP STL

HaloJrMax

The HaloJrMax accurately detects feed flow with infrared light beams to control new or existing feed systems. This compact model features Max Run and Delay Start Timers with the electronics sealed in a plastic enclosure.

Specifications:

Universal Power Supply: 85–300 VAC
Motor Contact: 20 Amp dry contact/1.5HP Max
Alarm Contact: 1 Amp dry contact
Dimensions: 9.7" H x 7.3" W x 6.7" D
Inlet: 3.5" ID Outlet: 3.5" ID or 4" OD

#HALOJRMAX............................. w/ Delay/Max Run
#HALOJRMAXA............. w/ Delay/Max Run/Alarm

SmartIR & IR Plus

The SmartIR Feed System Sensor utilizes infrared sensing technology to detect the level of feed and control all functions of a Flex-Flo feed delivery system. SmartIR requires no sensitivity adjustment and is not affected by changes in temperature, humidity or feed type. This sensor adapts to most new and existing flexible auger feed systems.

#GFLX–4951 .... SmartIR feed sensor, 230V
#HSAP–4738..................... Clear Cover for SmartIR
#GFLX–5262 ....IR Plus Feed Sensor

AP SMARTflex

SMARTflex Flex-flo Control Unit from AP incorporates all of the timers, switches and sensors required to efficiently and effectively operate your feed delivery system in one compact pre-wired unit. A Retrofit Kit is available to update your existing AP Flex-Flo or other flexible auger feed delivery system to a SMARTflex.

#GAP–2984............................Sensor for SMARTflex
#GFLX–4799 ....SmartFlex top board
#GFLX–4801 .... SmartFlex bottom board

Hired Hand Hopper Switch

No longer do you have to contend with mechanical switches. SENS-O-MATIC, Hired-Hand's Electronic Feed Hopper Switch, eliminates the problems that have always been associated with hopper switches. No more replacing mechanical switches. No more adjusting hopper switches. No more dry hoppers!

#H6606–0110 .... 120V hopper switch
#H6606–0114 .... 240V hopper switch

Chore-Time Feed Level Control Switch

A) #C14550.................... Chore–Time Level Control
B) #HS589CR ....Replaces Chore–Time #8789
C) #HS529-7 .... Replacement Diaphragm only
D) #HS582 .....Replacement Diaphragm Assembly

Harkins Hopper Switch

Simple, effective hanging switch to control feed levels in feedline hoppers.

#52201 ....Harkins Hopper Switch
#52203 ....Replacement rubber boot for EL0098
#PL200 ....Replacement plastic box w/lid
#EL0998................................15 Amp Micro Switch

Drop Tube Switch

#GAP–0990................................... AP 110V or 220V
#GFLX–3489 .... Complete switch assy. (red plastic)

Flat Proxy

Replacement sensor for G-Logic Control Pan.

• 20–240V
• Normally Closed
• 30-sec delay
• Fixed sensitivity

#EL1230..Flat Proxy

Blue Proxy

Replacement for chain disk feed systems and Turkey Control Pan.

• 20–250 VAC/ DC
• No time delay
• Switchable between Normally Open (NO) to Normally Closed (NC)
• 6' cord

#HS11 ....Blue Proxy

Proximity Sensor Mounting Kit

Constructed of of corrosive resistant plastic, this component kit securely mounts proximity switches to plastic tubes and hoppers. Does not include mounting screws or proximity switch.

#HS10-2 ....Proximity Sensor Mounting Kit

Proxy Plus

• Isolated wiring provides superior circuit protection
• Can be used with any voltage
• The best replacement proximity switch on the market!
• Push-button control eliminates screw drivers!

#HS10 ....Proxy Plus

Proxy Classic

• Replaces Chore-Time® OEM Part #34255.

#HS09..Proxy Classic

FEED BINS Bulk Feed Solutions

The heaviest grade of feed bins available on the market today. Longer lasting feed bins built with 5-10% more steel, by weight, than competitive brands. Built entirely of high tensile Structural Steel Grade 55 with a G100 galvanized finish. G100 bins have a galvanized coating that is 10% thicker than competitor brands, resulting in a longer lifespan.

Manufactured in-house for complete control of raw material purchasing and manufacturing operations. State-of-the-art rolling, stamping and finishing operations ensure precise fit and finish of feed bin components. Available in 6', 7', 9' and 12' diameter sizes.

In many locations, a local store offers assembly and delivery to your farm or building project.

FEED BINS Capacity based on 40 lbs./Cubic Feet

*Ladder kits must be purchased separately from feed bins.
*All feed bins with a fill height exceeding 25' require purchase of ladder kit with safety cage.

ITEM #	TONS	CUBIC FEET	FILL HEIGHT (FT./IN.)
6 FT. DIAMETER FEED BINS WITH 60° HOPPER			
GST-616016K	3	150	11' 6"
GST-626016K	4.5	225	14' 2"
GST-636016K	6	300	16' 10"
GST-646016K	7.5	375	19' 6"
7 FT. DIAMETER FEED BINS WITH 67° HOPPER			
GST-716716K	4.9	245	14' 9"
GST-726716K	6.9	345	17' 5"
GST-736716K	9	450	20' 1"
GST-746716K	11	550	22' 9"
GST-756716K	13	650	25' 5"
GST-766716K	15	750	28' 1"

ITEM #	TONS	CUBIC FEET	FILL HEIGHT (FT./IN.)
9 FT. DIAMETER FEED BINS WITH 60° HOPPER			
GST-916016K	8.5	425	15' 7"
GST-926016K	12	600	18' 3"
GST-936016K	15	750	20' 11"
GST-946016K	18.5	925	23' 7"
GST-956016K	22	1100	26' 3"
GST-966016K	25.5	1278	28' 11"
12 FT. DIAMETER FEED BINS WITH 60° HOPPER			
GST-1216016K	17.5	875	19' 5"
GST-1226016K	23.5	1175	22' 1"
GST-1236016K	29.5	1475	24' 9"
GST-1246016K	35.5	1775	27' 5"
GST-1256016K	41.5	2075	30' 1"
GST-1266016K	47.5	2375	32' 9"

Feed Bins

GEORGIA® POULTRY EQUIPMENT CO.

5 YEARS WARRANTY 5 YEARS
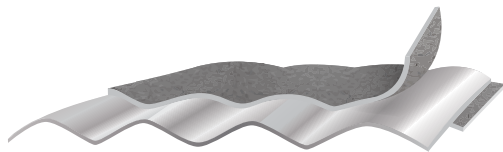
G100 Galvanized Coating
Built entirely of high tensile Structural Steel Grade 55 with a G100 galvanized finish.

Poly Feed Bin Lid
Durable lid constructed of high-density polyethylene. Unique stainless steel locking spring holds the lid in place preventing rain and snow from entering. The lid opens on a stainless steel pivot rod and slides down the side of the bin protecting it from fill auger damage.

40 Degree Roof
Laser cut roof sheets are rolled for precise fit. 40 Degree angle slope allows for maximum filling capacity.

Weather Edge™
Improved Weather Edge™ design, with its extended 1-1/4" leg directs water away from the bin's hopper and boot.

Precision Stamped Ladder
Precision stamped ladder assembly with adjustable standard brackets. Rounded trapezoid ladder rung provides secure footing with a larger surface area. Design exceeds OSHA standards.

Bottom Cone Sheets
Thicker and stronger bottom cone sheets resist dents and dings from mallets and hammers.

Stamped 16" Bin Collar
Reduces variation in dimensions compared to rolled or spun collars. Constructed of 10 gauge metal, as much as 4 gauges heavier than competitive brands.

Strong Base
10 & 12 gauge roll-formed legs provide a strong base.

HOG SLAT®
Poly Feed Bin Lid

Made from High-Density Polyethylene with excellent UV protection. Dome shape lid sheds moisture.

#GST-LD3035 .... Fits 22" peak ring for HSI, Chore-Time and Valco bins
#GST-LD3035-20 .... Fits 20" peak ring for AP and Cumberland bins

Sliding design eliminates the accumulation of snow and rain when lid is open and prevents damage from feed truck augers.

Pivots on stainless steel rod with powerful spring to hold the lid shut in gusty weather. Safety mechanism locks in place for servicing. Locking tab will automatically disengage when the lid is actuated from the ground.

Installs on existing bins with a single bolt ring. Roller wheel slides lid down the roofline. Complete with ground control cable.

Poly Feed Bin Lid

#GBLK-13080 .... 30 Degree Peak Ring & Hardware
#GBLK-13101 .... 40 Degree Peak Ring & Hardware
#GBLK-13102 .... BFT Without Peak Ring Retro for GSI Bins
#GBLK-13216 ... for Brock, Roxell, & Chore-Time without Peak Ring for Retro

Feed Bin Hopper Valve

Gate valve mounts to feed bin hopper cones providing access to bin contents without running an auger. Great for filling buckets or carts! Convenient hooks at the end of the slide to hang bucket on. Includes mounting hardware and template for cutting bin.

#GST-AC3001 .... Feed Bin Hopper Valve

BINTRAC® Bin Weighing System

From a single bin to a multi-site system with remote monitoring, BinTrac can be configured to meet your needs now and in the future.

- Easy installation on existing and loaded bins using patented load cell bracket assembly
- Real-time bin inventory by weight
- 24-hour feed use for each of the past 4 days
- Feed delivery validation
- One-year warranty covers lightning damage to load cells – 2-year extended warranty available
- Requires no calibration

Load Cell Assembly & Mounting Bracket

- For "W" style legs
- Easily installs on existing & loaded bins
- The bracket is the lifting mechanism
- Requires less than 1/2" bin lift
- Simplifies equal loading
- No shimming or blocking
- Field calibration is not required
- Temperature compensated load cell

Item#	Description
MLB-200000	10K Load
MLB-300000	15K Load

Replacement Load Cell

Item#	Description
ASY-000127	5K Load Cell
ASY-000129	10k Load Cell
ASY-000159	15k Load Cell

Load Cell Tester

Item#	Description
LCT001A	Load Cell Tester

BinTrac Indicator

Indicator connects up to 4 bins and can be located up to 250 feet from bins.

Item#	Description
MCA-000001	w/standard pro software

BinTrac Indicator, Large Screen

Indicator connects up to 4 bins and can be located up to 250 feet from bins. Features large 0.56 inch digits for ease of viewing. New 6 digit display for bin applications exceeding 99,999 lbs.

Item#	Description
MCA-000301	Large Screen

BinTrac Breeder Control

With user programmable batching weight and scheduled batching.

Item#	Description
MCA-000201	w/ standard software

Digital Summing Box

Converts analog signal to digital for measuring and averaging load cell output.

Item#	Description
MSA-004000	4 load cell
MSA-006000	6 load cell
MSA-008000	8 load cell

PS17 Power Supply

Item#	Description
ASY-000237	1115/230VAC to 12.6 VDC

Interface Cable

Item#	Description
CAB-000009	Interface Cable, 22AWG 4 Conductor Shielded/ft.
DS22204	Sensor wire 22/4 Shielded/ft.
DS21804-1000	Sensor wire 18/4 1000 ft. roll (for runs over 250')

Bin Anchors

5/8" diameter center pin anchor bolts used to secure feed bins to concrete pads. Each anchor bolt includes a serrated, flanged nut and will not require a washer.

Do not use 4" anchor bolt on concrete pads known or expected to be less than 6" in depth. Do not install new feed bins on concrete pads that are known or suspected to be less than 6" deep.

#60705 .... 5/8" x 4" use on pads 6" thick
#607051 .... 5/8" x 6" use on pads 8" thick
#THDB62612H ..... 5/8 X 6.5" Titan Screw Anchor Zinc Coated - 10 Pack

Rubber Mallets

#95083

#59900

#59900 .... 16 oz
#M52651 .... 32 oz
#95083 .... 16oz W/Fiberglass Handle

Superbowl Bucket Feeder and Feather Feeder

#52104 ....Superbowl with Green Pan
#52105 ....Feather Feeder

Lubing

Drinker Mini with Plastic Adaptor

#L4060C...............Drinker Mini w/ Plastic Adaptor
#L4060-SO....Drinker Mini w/ SS Nipple Adaptor

Snap Cup and Extension

#L4017.............................Snap Cup and Extension

Regulator

#L3201-00........Flush Regulator Kit w/ sight tube
#L3307-00...............................18" Sight Tube only

Shut-off Midline 22mm

#L302-4-22-01...Shut-off Midline 22mm Pipe Aluminum

Midline Breather

#L302-4-22....Breather Inline 18" for 22mm Pipe

Shut-off Midline 24"

#L302-6-28-02...............for 28mm Pipe w/ Flush

Flush Breather Unit

#L4255-6-00......Breather Unit w/ 24" standpipe

Shut-off Midline (New Style)

#L302N.........................Shut Off Midline New Style

Drinker Pipe

#L109512.........10' drinker pipe w/ 12-4095 nipples w/ rail
#L109515.........10' drinker pipe w/ 15-4095 nipples w/ rail

Crimping Tool and Expansion Connectors

#L4363

#L4414.................................Crimping Tool
#L4363.................Expansion connectors w/ crimp

Float Assembly

#L4204

#L0013900902

#L4204.................................Float assembly
#L0013900902.................................Ball
#L0013902525.......Pivot Arm Assembly w/o Ball

Float Ball

#L0013701900..........Large Red Float Ball, 10 mm
#L0013701903............Small Red Float Ball, 8 mm

LitterGard™ Drip Cup

#L4617

#L4612

#L4617...Large
#L4612...Small
#L4622-01...........................Littergard 1 Arm Red

Breeder Nipple

• Breeder nipples have straight vertical action.

#L4071.................................Breeder Nipple

Crimp Ring

#L286-7RD

#L316-3BR

#L316-3BR..for L4363
#L286-7RD..for L4367

EasyLine *The recipe for success is Easy. Just Add Water.*
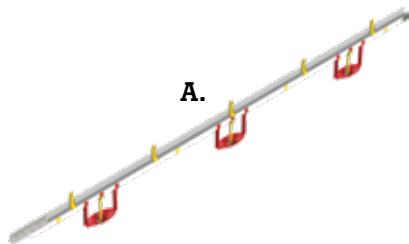
A.
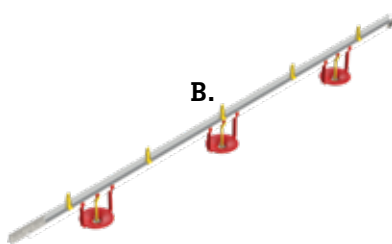
B.

A) Brooding - Finishing Hens With Aluminum Rail
#L4086 .... 10 ft. Section W/5-4070 W/4631 Red Cups
#L4030 .... 10 ft. Section W/6-4070 W/4631 Red Cups

B) Finishing - Toms With Aluminum Rail
#L4088 .... 10 ft. Section W/4-4070 W/4630 Red Cups
#L4089 .... 10 ft. Section W/5-4070 W/4630 Red Cups

Auto Flush Kit & Solenoid Valve
#L7600010400 .... Auto Flush Kit, Regulator not included
#LDV-075 .... Solenoid, 24V AC, 0.75-IN FPT

Adjustable Slope Regulator
#L4270-00 .... Adjustable (4-In - 18-In) Slope Reducer
#L4270-6-00 .... Adjustable (4-In - 18-In) Slope Reducer w/24" Standpipe
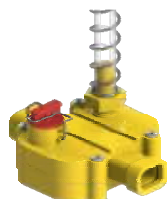
Slope Regulators
#L4274-6-00 .... 4-inch w/24" Standpipe
#L4275-6-00 .... 6-inch w/24" Standpipe
#L4276-6-00 .... 8-inch w/24" Standpipe

Shocker Wire Support
#L13QB00000A .... 1 Kit per line

Nipple
FeatherSoft Turkey Nipple 360º stainless steel desisgned for EasyLine Drinking System.
#L4070 ....360º SS nipple

Transition Piece
#L4380 ....Transition Piece

Drive Socket 1/4"
#L7600600200 .... 1/4" for adult turkey nipples

Support Bracket
#L7600010402 ....Support Bracket

Aluminum Profile - Turkey
#L0301101600 ....Aluminum Profile - Turkey
#L0301201100 ....Coupling for Aluminum Profile

Brood/Hen Finishing Cup
#L4631-1-01 .... Rearing Cup w/ SS insert

Tom Finishing Cup
#L4630-1-01 ....Tom Finishing Cup w/ SS insert

Pendulum Holder
#L4632-01 .... Pendulum holder, red
#L4632-2-01 .... Pendulum Holder/2.0

Pendulum
#L4633 .... Pendulum
#L4635-2-00 .... Solid Pendulum/2.0

Pendulum Bolt/2.0
#4644-01 .... Pendulum Bolt/2.0

Starter Ball
#L4636-01 .... Starter ball 30mm (Red)

Nipple Tool
#L0014105500 .... Nipple Tool/2.0

Cleaning Brush
#LBB4227 .... Cleaning Brush for Breather
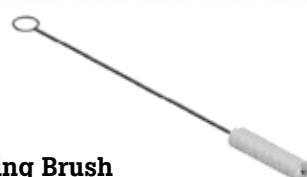
Floor-Watering System "EasyLine" 2.0 for Turkey Rearing and Finishing

The LUBING Floor-watering system for turkeys consists of the following elements:

1. Water Supply
The Main water supply secures an optimum water quality for a long service life of the nipple drinkers. The water should have the quality of drinking water. At any case the water must be filtered. The water runs from the Main water supply through the Pressure regulator with integrated flush system into the drinking lines. The Pressure regulator is available for front or middle-installations.

2. Drinking Elements
The drinking lines are supplied in assembled elements of 3m length. These elements are to be coupled to the length of the house.

3. Breather Unit
At the end of each drinking line a flush breather unit is installed. All valves of the breather units close during the flushing, which could be started by hand or alternatively by the automatic flush system.

4. Suspension
The drinking lines are suspended by hangers, which are stuck on the aluminium profiles every 3 m. These hangers are connected with a suspension cable via ceiling pulleys with the central hoisting cable. The drinking line can be adjusted to the desired height by Hand winch or Ceiling winch and can be winched up easily to the ceiling for emptying or cleaning.

Main Water Supply
Optimum water quality increases the service life of the Drinking-Systems. With integrated doser for the supplement of vitamins or medicines.

Hand Winch
The right height adjustment will be done trouble-free by the hand or the ceiling winch.
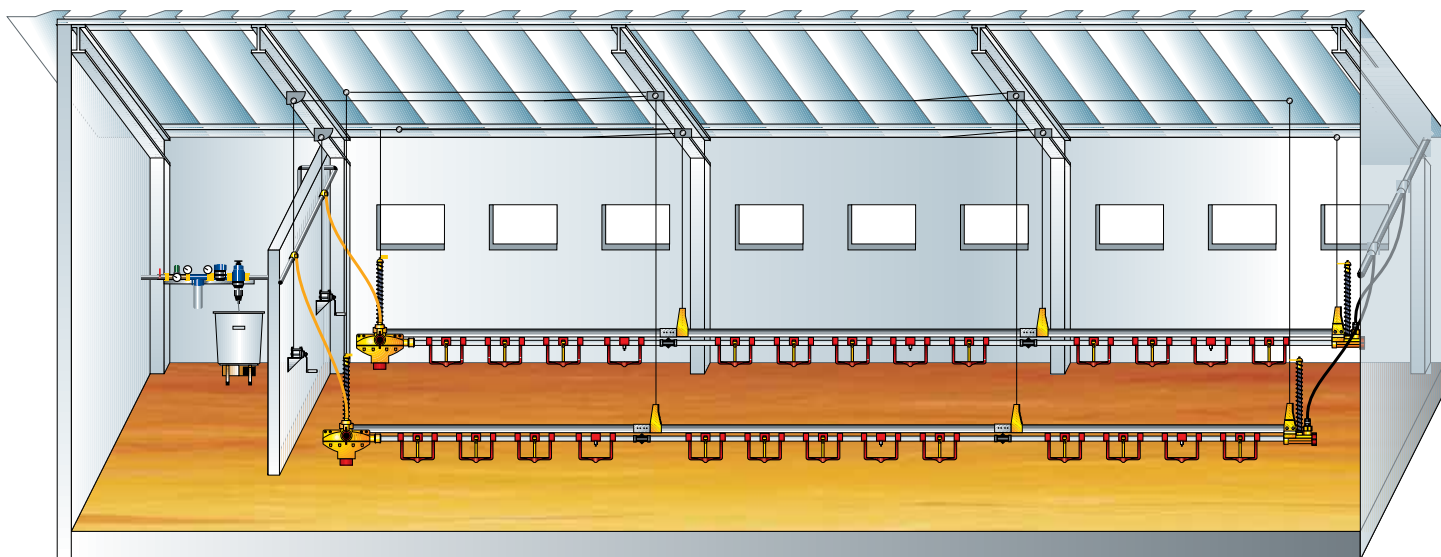
Pressure regulator Optima E-Flush
Pressure regulator with integrated flush system. With the Pressure regulator the water column can be adjusted as needed.

Mount Protection
The LUBING Shocker wire, electrical, for the use with a conventional main fencer.

Mixer
In the Mixer additives, e.g. vitamins or medicines, are stirred permanently while being added to the drinking water.

Rearing Cup
For low losses during the first days use the LUBING starter balls. These secure a sufficient water level in the cups like a ball valve.

Finishing Cup
The Finishing cup is designed for the tom finishing. This big round cup is more stable and catches easily the water spillage.

Flush Breather
The Flush breather unit at the end of each drinking line works, e.g. with the LUBING Flush controller, automatically. For flushing is no additional handling necessary.

The principle of the pendulum
The double nipple pendulum gets deflected with the head of the animal at every absorption of water. This opens one of the two turkey nipples and the water from the 28 mm square tube flows along the outside of the pendulum into the cup (picture above). The new equipment of each pendulum with two nipples easily accessible from the outside ensures an even more reliable function of the drinker. In addition, the service life is increased and maintenance is made easier. For rearing, we recommend a starter ball Ø30 mm, which raises the water level during the first few days. The rim of the cup is cleaned by the wattles and neck feathers of the birds at every drinking session. Therefore the optimal height for the animals is necessary.
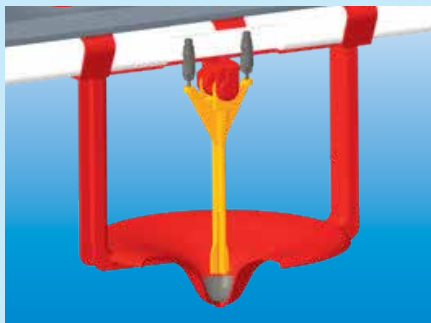
Perfect water supply
The central element of the floor-watering system is the Turkey-Nipple Art. 4001-4. The combination of the pendulum and the different stainless steel reinforced Drip cups ensures a dry manure and best results for the rearing and fattening for every age of the turkey.

Plasson Broiler Drinker (left diagram labels)

Clip
DI52821

1/8" Nylon Cord
61724D

Cord Adjuster
HSCA-1

Handle Hook
DI2140018

Water Level Adjuster
DI2140009

Mechanism Top
DIP2140012

Mechanism Lock Collar
DI2140011

Stainless Steel Spring
DIP2140016

Washer
DI2140017
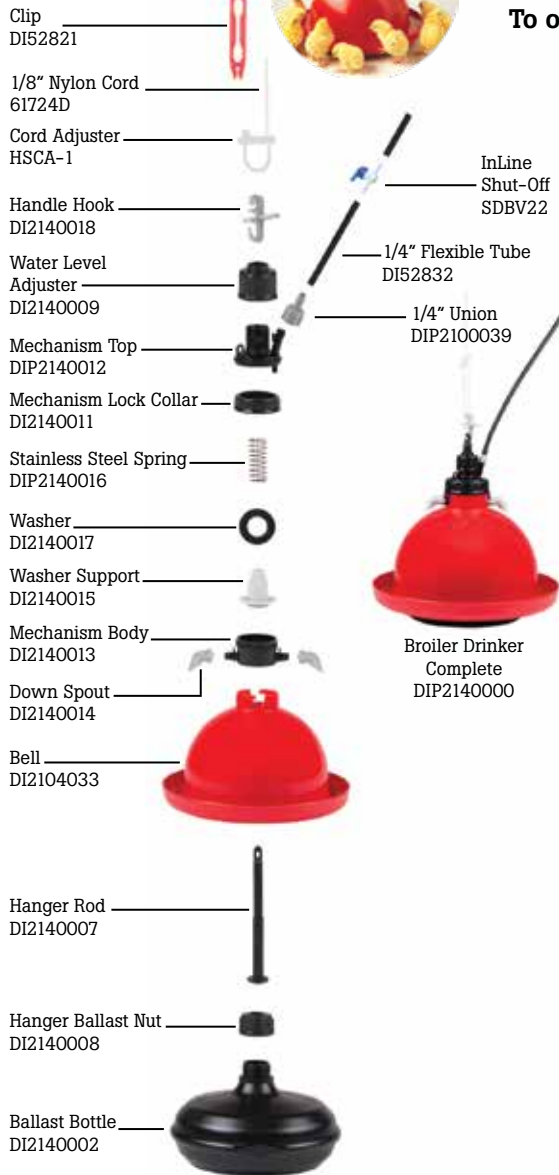
Washer Support
DI2140015

Mechanism Body
DI2140013

Down Spout
DI2140014

Bell
DI2104033

Hanger Rod
DI2140007

Hanger Ballast Nut
DI2140008

Ballast Bottle
DI2140002

InLine Shut-Off
SDBV22

1/4" Flexible Tube
DI52832

1/4" Union
DIP2100039

Broiler Drinker Complete
DIP2140000

The unique feature of the Plasson Drinker is the ballast bottle, which acts independently of the bell and eliminates wear on the valve mechanism. The bell design ensures a constant water level and a dry floor. Once a bird drinks as little as 10 grams (0.3 oz.) of water, this highly sensitive and maintenance-free system is activated. The Bell drinker incorporates a bayonet - based bell, a special handle hook and an efficient stacking design. Combine all of these factors and you have a system that is easy to ship and install. Approximately 8- 10 Plasson Drinkers are needed per 1000 adult birds. Working pressure: (6 – 12 psi) for optimum efficiency. The pressure can be regulated by means of a pressure regulator or via a head tank. The ballast bottle should be completely filled with water up to the water level line. In frost-prone areas, add antifreeze to the water Adjust drinkers to the proper drinking height, always keeping the drinker lip a little higher than the bird's back. Keep water level in the bell trough as low as possible.

Plasson Breeder Drinker (right diagram labels)

Clip
DI52821

1/8" Nylon Cord
61724D

Cord Adjuster
HSCA-1

1/4" Flexible Tube
DI52832

1/4" Union
DIP2100039

Mechanism Cap
DI52827

O-Ring
DI52840

Filter Element
DI52835

Mechanism Pipe
DI52826

Water Level Adjuster
DI52823

Lock Nut
DI52822

Mechanism Spring
DI52825

Valve Assembly Complete
DI52824

Bell
DI52829

Bottle Hanger Support
DI2102041

Ballast Bottle
DI52834

Breeder Drinker Complete
DI52800

Valve Spring
DI52844

Plunger
DI52842

Washer
DI52828

O-Ring
DI52841

Valve Housing
DIP2100011

Plasson® Broiler Drinker

#DIP2140000	Broiler Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#DI2140018	Handle Hook
#DI2140009	Water Level Adjuster
#DIP2140012	Mechanism Top
#DI2140011	Mechanism Lock Collar
#DIP2140016	Stainless Steel Spring
#DI2140017	Washer
#DI2140015	Washer Support
#DI2140013	Mechanism Body
#DI2140014	Down Spout
#DI2104033	Bell
#DI2140007	Hanger Rod
#DI2140008	Hanger Ballast Nut
#DI2140002	Ballast Bottle
#SDBV22	Inline Shut-off
#DI52832	1/4" Flexible Tube
#DIP2100039	1/4" Union
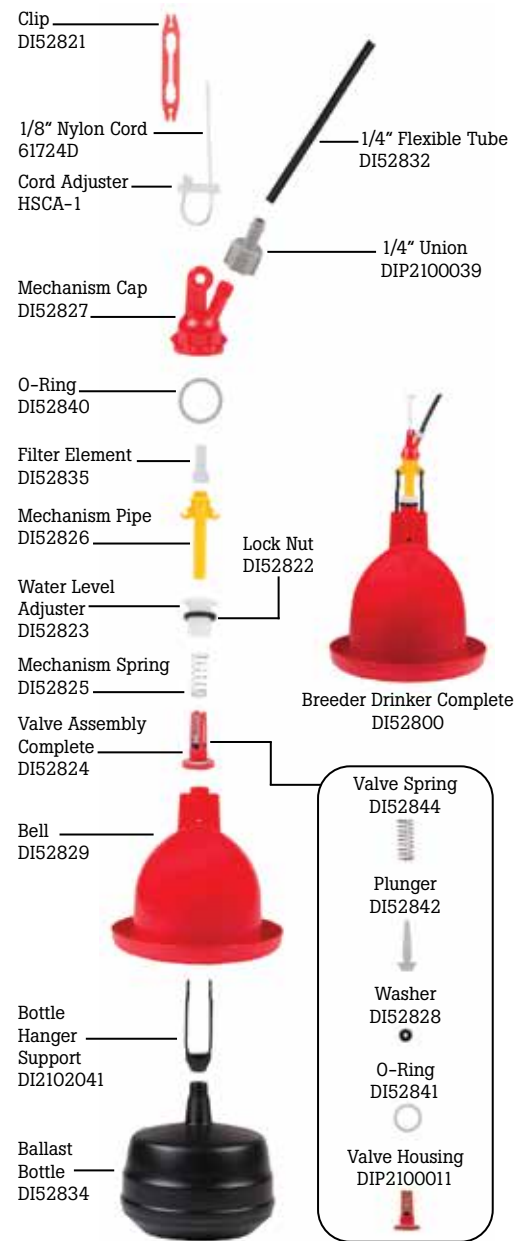
Plasson® Breeder Drinker

#DI52800	Breeder Drinker Complete
#DI52821	Clip
#61724D	1/8" nylon cord
#HSCA-1	Cord Adjuster
#DIP2100039	1/4" Union
#DI52832	1/4" Flexible Tube
#DI52827	Mechanism Cap
#DI52840	O-Ring
#DI52835	Filter Element
#DI52826	Mechanism Pipe
#DI52823	Water Level Adjuster Nut
#DI52822	Lock-nut
#DI52825	Mechanism Spring
#DI52824	Valve Assembly Complete
#DI52829	Bell
#DI2102041	Bottle Hanger Support
#DI52834	Ballast Bottle
#DI52844	Valve Spring
#DI52842	Plunger
#DI52828	Washer
#DI52841	O-Ring
#DIP2100016	Valve Housing

Turkey Drinkers

Clip
DI52821

1/8" Nylon Cord
61724D

Cord Adjuster
HSCA-1

Handle Hook
DI2140018

Inline Shut-Off
(Optional)
SDBV22

Water Level
Adjuster
DI2140009

1/4" Flexible Tube
DI52832

Mechanism Top
DIP2140012

Mechanism
Lock Collar
DI2140011

Union 1/4"
DIP2100039

Stainless Steel
Spring
DIP2140016

Washer
DI2140017

Washer Support
DI2140015

Mechanism Body
DI2140013

Down Spout
DI2140014

Bell
DI2104033

Compact Turkey
Drinker Complete
DI2104005

Hanger Rod
DI2140007

Hanger Ballast
Nut
DI2140008

Ballast Bottle
DI2140002

*Recommended number of Compact Drinkers per 1,000 adult turkeys: 10-12 (12-14 per 1,000 in a warm climate).

*Circumference of outer lip 140 cm. (55-3/4").

*Standard packing: 10 units complete per carton.

Super Easy Start Adjustable (SESA) #2205546

Turkey Heavy Finish #2205534

Clip
DI52821

1/8" Nylon Cord
61724D

1/4" Flexible Tube
DI52832

Cord Adjuster
HSCA-1

Union 1/4"
DIP2100039

Mechanism
Complete
DI52838

Mechanism Cap
DI2102035

O-Ring
DI52840

Filter Element
DI52835

Mechanism Pipe
DI52826

Water Level
Adjuster
DI52823

Lock-nut
DI52822

Turkey Drinker
Complete
DI21050WB

Mechanism Spring
DI52837

Valve Assembly
Complete
DI52824

Valve Spring
DI52844

Bell
DI52846

Plunger
DI52842

Washer
DI52828

O-Ring
DI52841

Bottle Hanger
DI52833

Valve Housing
DIP2100016

Ballast Bottle
DI52834

Plasson® Compact Turkey Drinker

Plasson® Turkey Drinker

Complete Plumbing Kits

#600211

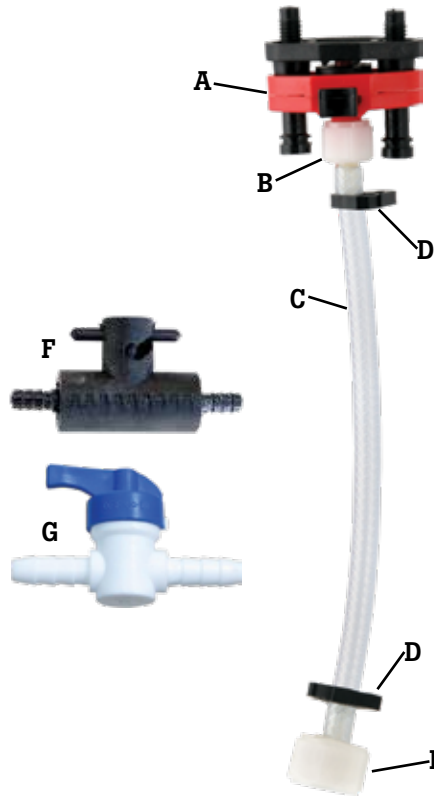Includes 3/4" hose, (2) SS hose clamps and PVC tee. Just push hose over 1/2" water pipe and clamp.

#565411 ....4'
#565421 ....5'
#600211 ....3/4" x 3/4" x 3/4"

Spigot

• 1/2" & 3/4" brass spigot

#60242..1/2" brass spigot
#60243... 3/4" brass spigot

Spigot

• 3/4" full port

#602431...3/4" full port spigot

Spigot

• Ball valve style handle

#262482 .... Spigot/Hose Bibb 1/2"
#262483 .... Spigot/Hose Bibb 3/4"

Stainless Steel Hose Clamps

#HSHC-06	SAE06 7/16" – 25/32" SS
#HSHC-08	SAE08 1/2" – 29/32" SS
#HSHC-12	SAE12 11/16" – 1–1/4" SS
#HSHC-16	SAE16 13/16" – 1–1/2" SS
#HSHC-20	SAE20 13/16" – 1–3/4" SS
#HSHC-24	SAE24 1–1/16" – 2" SS
#HSHC-36	SAE36 1–13/16" – 2–3/4" SS
#HSHC-56	SAE56 3–1/16" – 4" SS
#HSHC-M04	SAEMini04 7/32" – 5/8" SS
#HSHC-M06	SAEMini06 7/16" – 25/32" SS
#HSHC-96	SAE96 5-5/8" – 6–1/2" SS
#HSHC-20	SAE20 13/16" –1-3/4"

Brass Boiler Drain

#HE292966 ......Drain Boiler 1/2'' MPT Brass BD-12M
#HE262745 .... 1/2" brass spigot

Bibb Hose

#60243P ....3/4" plastic hose bibb
#60242P .. 1/2" Spigot Bibb Hose Poly Red/White

Plastic Boiler Drain

#HE262421.............. Drain Boiler Plastic 3/4" MPT

Speedy Jaw Clamp

1/4", 3/8"

#1053... 1/4"
#1052... 3/8"
#0708878............ 3/4" to 7/8" Black (Ziggity Z511)

Plumbing Kit Complete Assembly & Parts

• 1/4" x 6' reinforced hose
• Saddle clamp with shut off
• 1/2" Nylon female swivel connector

#56559.................... 1/4" x 6' plumbing (complete)
#565541...........................Washer for saddle clamp
A) #56554....................Saddle clamp with shut off
B) #56550.....................1/4" swivel nut and insert
C) #4511-0251 ... 1/4" braided hose (6' required per kit)
D) #1053............................. 1/4" Speedy Jaw clamp
E) #565510 ..... 1/2" swivel nut and insert with washer
F) #WF3230.........In-Line Valve 1/4" barb x 1/4" barb
G) #SDBV22.................... 1/4" x 1/4" Shut off valve

Barb Nylon Fittings

• 1/2" female thread

1) #TAF-1084 .... 1/2" FPT x 1/4"
2) #565510 ....Nut Swivel, 1/2" x 1/4" Barb w/washer

Stainless Steel Barb Fitting

#603065 .... 1/2" FPT x 1/4

Stainless Steel Barb Fitting

#603066 .... 1/2" FPT x 1/4"

Stainless Steel Swivel & Barb

1/2" x 1.4". End plastic fitting problems with our stainless steel swivel and barb.

#565516 .... Stainless Steel Swivel & Barb

3/4" Water Meter

This cold water meter is rated for 1/4 to 20 GPM flow rates. Includes 3/4" Male NPT coupling. Frost resistant bronze body with epoxy coating to avoid pinholes. Large pointer dial registers low flow rate by 1/10 of gallon. Tempered glass lens with plastic lid. Horizontal mount only.

#HSWMNP ....5/8" x 3/4" Water Meter

3/4" Water Meter with Pulse

This cold water meter is rated for 1/4 to 20 GPM flow rates. Includes 3/4" Male NPT coupling. Frost resistant bronze body with epoxy coating to avoid pinholes. Large pointer dial registers low flow rate by 1/10 of gallon. Tempered glass lens with plastic lid. Equipped with 1 gallon pulse output fully compatible with most house ventilation controls. Horizontal mount only.

#HSWMPLS.......5/8" x 3/4" Water Meter w/ Pulse
#WM-ACC-RS ....Reed Switch with lead wire

3/4" Totalizer Water Meter

Polypropylene water meter that reads water flow and transmits an electric pulse to house controllers or metering equipment. Complete with gaskets and couplers.

• Max Temp: 105° F
• Max Pressure: 150 psi
• Max Flow: 20 GPM
• Min Flow: .25 GPM
• Nominal Pipe Size: 3/4"

#WM34-1PPG......................... 1 Pulse Per 1 Gallon
#WM34-1PP10G ....1 Pulse Per 10 Gallons

Poly Top Brass Pressure Valve

Automatically controls excessive water pressure to protect water systems components. Thermoplastic cage provides maximum corrosion resistance. Bottom clean out port allows access to seat disc and strainer.

• Max Supply Pressure: 400 psi
• Max Set Pressure: 125 psi
• 3/4" Threaded Connections

#36C10401 ....Apollo Poly Top, 25-75 psi
#36C10402 ....Apollo Poly Top, 10-35 psi

Brass Water Pressure Reducer

Designed to reduce high inlet pressures to a workable lower outlet pressure. Balanced internal piston smooths out rapid pressure fluctuations.

• Cast bronze body w/ SS internal parts
• Max Water Temp.: 180°
• Max Water Pressure: 300 psi
• 3/4" Threaded Connections

#2102440.............................. Adjustable 25-75 psi
#634461 ....Adjustable 0-50 psi (preset at 30)

GrowerSELECT®
Pressure Regulator

The GrowerSELECT® regulator provides constant water flows even at low pressure settings to reduce water wastage. Rugged corrosion-proof housing is impervious to rust, corrosion and medications.

• Adjustable pressure setting.
• Includes sight gauge
• 3/4" MPT fittings
• Max 50 psi input pressure

#HS762.. 10-25 psi
#HS772.. 3-10 psi

Maxiflo Pressure Regulator

Provides constant even flow of water with adjustable output. Also incorporates a check valve to prevent back flow.

• Max Water Temp.: 100°
• Max Water Pressure: 300 psi
• Inlet 1/2" BSP Outlet 3/4" MPT
• High impact plastic housing

#52787 ....Maxiflo pressure regulator 6001 (1/4 to 3 psi)
#DI52788 .....Maxiflo pressure regulator 6002 (3/4 to 8 psi)
#61037 .....Maxiflo pressure regulator 6003 (1-1/2 to 13 psi)

BadgerMeter

• Lead Free Cast bronze housing
• Operating range 1/2 to 25gpm
• Sealed thermoplastic measuring chamber w/disc meter
• Couplings shown are not included
• Horizontal mount only

#BADGERMETER................................Badger Meter

Pressure Gauge

• 1/4" NPT
• 2" dial

#61042.. 0-15 psi
#61038..0-30 psi
#52759 ....0-100 psi
#52854 ....0-200 psi
#527593...0-300 psi

Water Meter Coupling

• Adapts water meter to standard 3/4" pipe threads

#H1021-6035.... Water Meter Fitting Bronze 3/4" (sold each)
#DI73WM059 ....Bronze Couplers 1" - Pair (2)

Rusco inc.

SPIN-DOWN™ Sediment Filters

PVC Body

Clear Cover

Ball Valve for Flushing

- Clear Cover is easily removed for total cleaning (No tools required*)

- Flow capacity for entire system

- Sediment is visible through the clear cover indicating when the filter needs cleaning

- Sediment is quickly and easily removed by opening the ball valve at the bottom of the filter cover

- Reusable polyester and stainless steel element screens in many mesh sizes

- No down time

*Using tools voids warranty

Rusco inc.
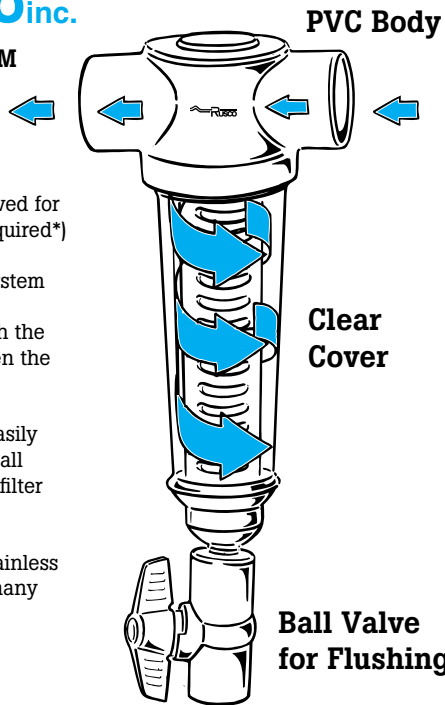
Rusco Spin-Down® Filters, L-Style

Includes polyester screen.
Ball valve (602151) sold separately.

Item#	Port Size (slip)	Mesh	Flow/gpm
61008-24L	1-1/2"	24	10-50

Replacement 1-1/2" cartridges, polyester screen
#60110L ....60 mesh
#610086L ....100 mesh
#610083L ....140 mesh
#601100L ....250 mesh
Replacement housing & O-ring
#60112L ....1-1/2" O-ring
#610088L ....1-1/2" clear housing

Rusco inc.

Rusco Spin-Down® Filters, T-Style

Incoming water swirls around the filter housing, flows through the screen center, and out the discharge port. Heavier sediment drops to the bottom and is easily flushed out by opening the ball valve. Includes Filter with cartridge screen and ball valve.

Item#	Port Size (slip)	Mesh	Flow/gpm
61007	1"	60	1-25
61008	1-1/2"	60	10-50
610085	1-1/2"	12	10-50
61009	2"	100	18-100

Rusco inc.

Rusco Spin-Down® Replacement Cartridges, Filter Housings & O-Rings

1" Cartridge
#60107 .... 60 Mesh, Polyester Screen
#601071 .... 100 Mesh, Polyester Screen
#610082 .... 140 Mesh, Polyester Screen
#601072 .... 250 Mesh, Polyester Screen
#601074 .... 500 Mesh, Polyester Screen
1-1/2" Cartridge
#60110 .... 60 Mesh, Polyester Screen
#610086 .... 100 Mesh, Polyester Screen
#610083 .... 140 Mesh, Polyester Screen
#601100 .... 250 Mesh, Polyester Screen
2" Cartridge
#60123 .... 60 Mesh, Polyester Screen
#601231 .... 100 Mesh, Polyester Screen
#610232 .... 140 Mesh, Polyester Screen
#610092 .... 250 Mesh, Polyester Screen
Filter Housing
#60104 ....1"
#60109 .... 1-1/2"
#60121 ....2"
Housing O-ring
#60108 ....1"
#60112 .... 1-1/2"
#60125 ....2"

Rusco inc.

Rusco Sun-Shield

Black sun-shield for Rusco™ 1-1/2" Spin-Down filter housings. Slips over filter housing to prevent sun damage and the formation of algae. Black neoprene construction.

#SS1-5 ....Rusco Sun-Shield

1/2" Threaded Ball Valve

Replacement ball valve for flushing Spin-Down filters.

#602151 .... 1/2" Threaded Ball Valve

Y-Shaped Line Strainer

Fiberglass reinforced poly housing with female NPT ports. Stainless steel screen with clean out plug. Max 150 PSI.

#LS200-30 ....2", 30 mesh
#LS150-12 .... 1-1/2", 12 mesh

Boshart®
Water Filter Housing

Constructed of FDA grade polypropylene cap with clear acrylic styrene housing..
• Dimensions: 11.8"H x 4.72"W
• 3/4" Inlet/Outlet
• Max Temp: 125°F
• Max Pressure: 125 psi

#603598 ....Housing only. No filter included

WATTS®
Big Bubba® Non-Metallic Filter Housings

The Big-Bubba filter housings are made of rugged glass-reinforced polypropylene so they will not chip, rust, or dent. Big-Bubba filters have two outlets (2" slip) on opposite sides to allow more flexibility with piping configurations. Overall height is 40" with a 12" width. Maximum flow rate is 150 gpm with maximum working pressure of 125 psi.

#HE7100301 ....Big Bubba Jumbo Water Filter Cartridge Housing Only
#HE7100305................................Filter Pleated 20 Micron for Big Bubba Filter

Filter Housings

Polypropylene housing with black cap and pressure release valve. Leak-proof seal with top-seated Buna O-ring. Max pressure 125 psi.

Item#	Port Size (NPT)	Housing Size	Body Color
PWP3-25SHC1034H	3/4"	2.5" x 10"	Clear
PWP3-45JHB1010H	1-1/2"	4.5" x 10"	Blue

Ozark
Filter Housing

Head is constructed of fill polypropylene with a clear acrylic housing.
• Dimensions: 13-5/8" high x 5-1/2" wide
• 3/4" NPT inlet/outlet ports
• Max Temp.: 125°
• Max Pressure: 125 psi
• Uses 2.5" Dia. by 9-3/4" to 10" long cartridges with flow rates from 1 to 10 gpm

#3MBPI-1C ....Ozark Filter Housing (no filter)

Pleated Cartridges

Item#	Size	Material	Micron
PWP2-251020-PP	2-3/8" x 10"	Polyester	20
603601	2.5" x 9-7/8"	Polyester	20
PWP2-451050-PP	4.5" x 10"	Polyester	50

String Wound Cartridges

Item#	Size	Material	Micron
PWP2-251020-SW	2-3/8" x 10"	Polypropylene	20
EP20X9-78P	2-3/8" x 9.78"	Polypropylene	20
603602	2.5" x 10"	Polypropylene	5
601014	2.5" x 10"	Polypropylene	10
HS60360	2.5" x 9.75"	Polypropylene	20
60360	2.5" x 10"	Polypropylene	20
601015	2.5" x 10"	Polypropylene	30
TSWR1952	4" x 10"	Polypropylene	20
603603	4.5" x 10"	Polypropylene	20
PWP2-451020-SW	4.5" x 10"	Polypropylene	20
EP50X9-78P	4.5" x 9.78"	Polypropylene	50

Spun Filter

Item#	Size	Material	Micron
603600	2.5" x 10"	Polypropylene	50

Filter Wrench

#3MWRENCH ... For Ozark & standard 2-1/2" housing

Filter Wrench

#TS106415......................For 4" Blue Blue housing

Filter Wrench

#Z783 .... Ziggity blue housing

THE STENNICATOR

Stennicator Pump

Compact electrical unit accepts a pulse from a dry contact water meter and injects directly into the water line. Unaffected by water quality, scale or solids. Stock solution does not contact any moving parts. Includes 10' cord.

• Flow range: 2.7 Ounces per Minute
• Flow ratio: Fixed 1:128
• Pressure: Up to 80 psi
• Size: 5.4" x 4.4" x 5.9"

#E20MH81S.. Stennicator Pump, 1:128 Ratio

Econ Integrator Digital Pump

This unit is an adjustable version of the popular Stennicator pump and is activated by a dry contact water meter with an output relay to monitor water consumption. It can be used with an existing water meter used with house controllers. Eliminates dilution of liquid chemicals such as hydrogen peroxide, chlorine and acids. Includes 10' power cord.

• Flow range – .5 to 30 gpd
• Available as 4.5, 16 and 30 gallons per day units
• Adjustable in 1% increments
• Size: 5.4" x 4.4" x 5.9"

#E20RHF81S .... 4.5 gpd
#E20RHG81S.. 16 gpd
#E20RHH81S.. 30 gpd

STENNER PUMPS

Classic Single Head Adjustable Pump

Electromechanical, versatile, self-priming pump.

45MHP10 Model

• Output: 0.5 to 10.0 GPD
• Output Adjustment: 20:1, 1% increments
• Pressure: To 100 psi
• Size: 10.6" x 5.3" x 6.0"

#45MJH2A1S ....45MHP10 model–Single head adjustable

Stenner Chlorine Pump

• 120V
• Adjustable from 5% to 100% in 2.5" increments
• Max output 17 gallons per days

#85MJH2A1S .... Stenner Chlorine Pump

Classic Tube Kit (2/pack) High Pressure

• Includes Duckbill
#UCCP1FD..Tube Kit #1, 3 gpd
#UCCP2FD......................................Tube Kit #2, 10 gpd
#UCCP7FD...................................... Tube Kit #7, 40 gpd

Stennicator and Integrator Tube Kit

#EC30F-2.......................................Integrator Pump F tube / 4.5 gpd
#EC30G-2 ....Integrator Pump G tube / 16 gpd
#EC30H-2 ....Stennicator Pump and Integrator Pump H tube / 30 gpd

Suction/Discharge Tubing

• 20' rolls
#AK4002B.. 1/4", UV black
#MALT02B.. 3/8, UV black
#AK4002W .... 1/4", white
#SPMALT002......................................3/8" white

Check Valve Duckbill (2/pack)

#UCCVDBO........................... Check Valve Duckbill

Roller Assembly

#EC350............ Integrator white (F tube/ 4/5 gpd)
#EC351 .... Stennicator and Integrator, black (G tube/ 16 gpd & H tube/ 30 gpd)

Classic Series Feed Rate Control Service Kit

• For classic single head adjustable pump
#SFSK1..FRC kit

1/4" Injection Check Valve

#UCDBINJ...................... 1/4" Injection Check Valve

1/4" Flow Indicator with Bracket

Visual reference to confirm solution is pumping; bracket (not shown) secures vertical installation.

#AK600 .... 1/4" Flow Indicator with Bracket

e128 Medicator

1)
#E128...Etratron 1:128 Medicator
#SCP8006871 ....Pump head
#KRA0007021-1..Injection and foot filter valve kit

2)
#SVA0834023...Injection valve
#KRA0007021-1..Injection and foot filter valve kit

3)
#SFT0832021 .... Foot filter
#KRA0007021-1..Injection and foot filter valve kit

① Etatron e128 Pump
② Injection Valve
③ Foot Filter
④ PVC
⑤ Priming Discharge Tube
⑥ Rigid Polyethylene Tube

Replacement Tubing/per foot

4) #ATU0004202-1..PVC 6x8 mm suction tube
5) #DUT0000006-1 ....4x6 mm priming tube
6) #ATU0000603-1 ....PE 6x8 mm discharge tube
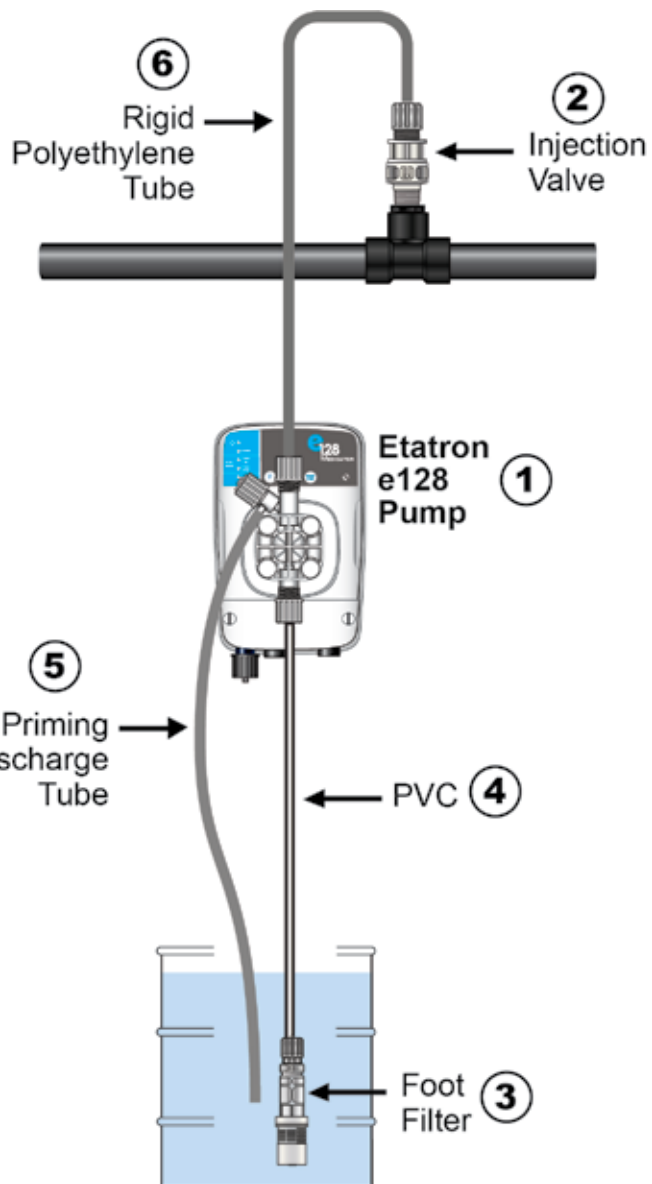
Replacement Tubing Kit

• Injection valve and foot filter
• 6 x 8 mm PVC and polyethylene tubing

#SCO0031021..Replacement tubing kit

DOSATRON®
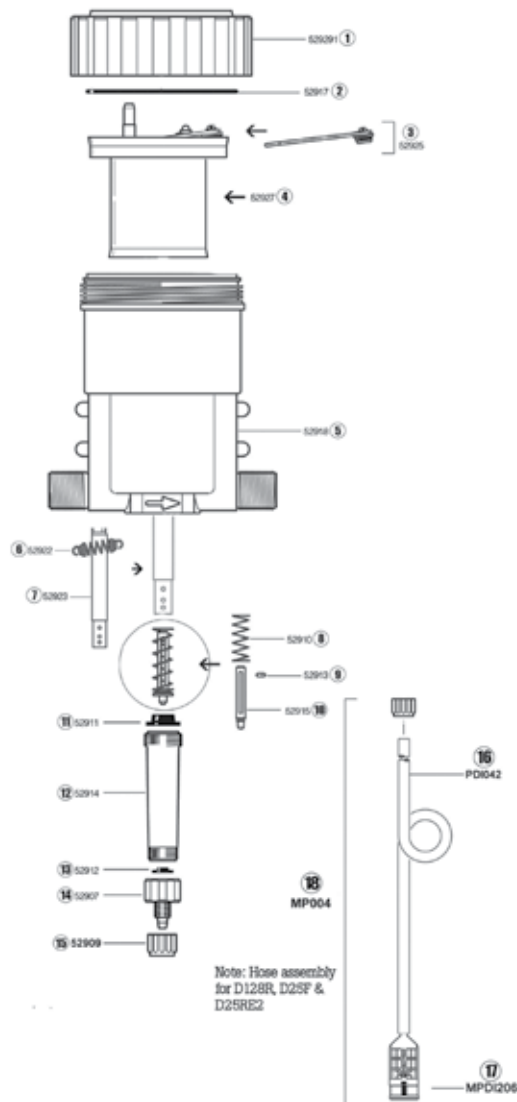WATER POWERED DOSING TECHNOLOGY

D128R Medicator

The original flat top medicator; the producers choice for over 30 years. Features adjustable ratios of 1:200, 1:128 or 1:100 that can be changed by simply moving a pin.
• Flow range: .09 GPM to 7 GPM
• Preset at one oz. per gallon, 1:128
• 7 to 70 PSI
• Size: 13" x 6-1/4"

#52900..D128R Medicator

D128R Replacement Parts

1) #529291 .... Cap	**10) #52915**... Slide Valve
2) #52917 ....Cap O-ring	**11) #52911** ....Top Seal
3) #52925 ....Wishbone Spring Assembly	**12) #52914**..Stem
4) #52927 ....Piston Shell	**13) #52912**..Bottom Seal
5) #52918 ....Body	**14) #52907**..Stem Cap
6) #52922 ....Actuator Spring	**15) #52909**..Suction Hose Nut
7) #52923 .... Plunger	**16) #MP004** ....Hose assy, 1/4" dia, D128R, D25F, D25RE2
8) #52910 ....Slide Valve Spring	**17) #PDI043**..............................Strainer for 1/4" hose, D128R, D25F, D25RE2
9) #52913 ....Slide Valve Pin	

DOSATRON®
WATER POWERED DOSING TECHNOLOGY

D25RE5 Medicator

High dilution range (1% to 5%) enables a single unit to handle medication, vaccination and line cleaning duties. Exterior adjustment sleeve allows quick adjustment of ratios.

• Flow Range: .05 to 11 GPM
• Adjustable ratio: 1:100 to 1:20
• Percentage: (1% to 5%)
• Pressure: 4.3 to 85 psi
• Size: 14" x 6-1/4"
• 3/4" NPT inlet/outlet

#D25RE5 .... D25RE5 Medicator

MEDICATORS | 33

DOSATRON®
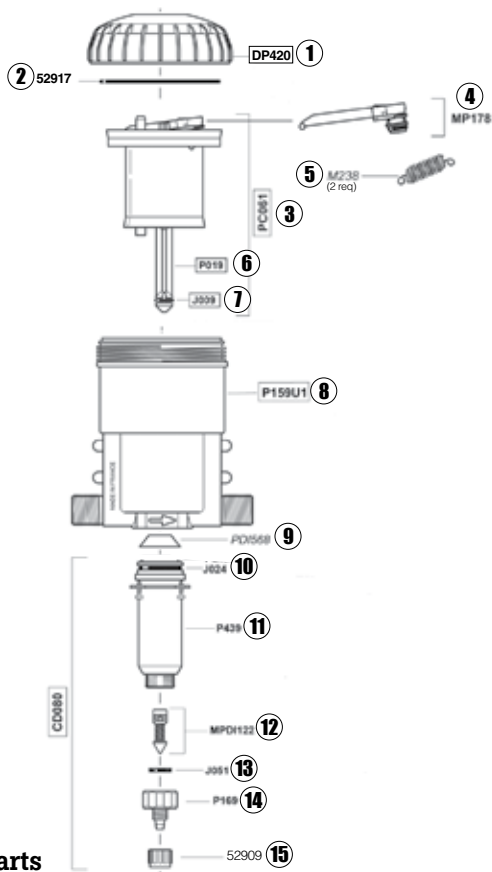WATER POWERED DOSING TECHNOLOGY

D25F Medicator

Features a higher flow rate designed to handle bigger animals and larger buildings. Fixed 1:128 ratio eliminates possible mistakes in medicating your animals or birds.

• Flow of .05 to 11 GPM
• Fixed ratio at 1:128
• 4.3 to 85 PSI
• Size: 14" x 6-1/4"

#52900D25F ....D25F Medicator

DOSATRON®
WATER POWERED DOSING TECHNOLOGY

D25RE2 Medicator

An enhanced version of the 11-GPM unit that features an exterior adjustment sleeve allowing you to quickly change ratios from 1:50 through 1:500.

• Flow of .05 to 11 GPM
• Adjustable 1:500 – 1:50
• Pressure 4.3 to 85 PSI
• Size: 14" x 6-1/4"

#52900D25RE2 ....D25RE2 Medicator

D25F Replacement Parts

1) **#DP420** ....Lid
2) **#52917** ....Lid O-ring
3) **#PC061VF** ....Piston
4) **#MP178** ....Wishbone spring assembly
5) **#M238** ....Actuator spring
6) **#P019** ....Plunger
7) **#J009VF** ....Plunger seal
8) **#P159U1** ....Body
9) **#PDI568** ....Cone
10) **#J024VF** ....Stem O-ring
11) **#P439** ....Injection Stem
12) **#MPDI122** ....Check valve assembly
13) **#J051VF** ....Check valve seal
14) **#P169** ....Hose barb
15) **#52909** ....Hose Nut
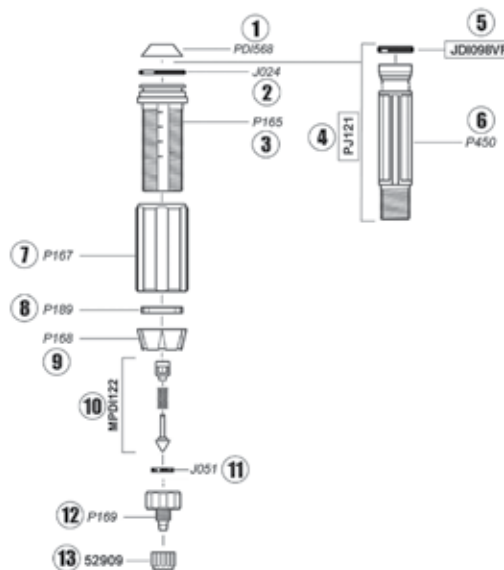
D25RE2 Replacement Parts

1) **#PDI568** ....Cone
2) **#J024VF** ....Stem O-ring
3) **#P165** ....Sleeve
4) **#PJ121VF** ....Stem assembly
5) **#JDI098VF** ....O-ring
6) **#P450** ....Stem
7) **#P167** ....Sleeve
8) **#P189** ....Plastic nut
9) **#P168** ....Locking nut
10) **#MPDI122** ....Check valve assembly
11) **#J051VF** ....Check valve seal
12) **#P169** ....Hose barb
13) **#52909** ....Suction hose nut

DOSATRON®
WATER POWERED DOSING TECHNOLOGY

DM11F Diaphragm

The DM11F uses a completely redesigned hydraulic motor that is piston-free, which allows the medicator to work properly even in environments with sand, algae, or high mineral content in the water supply. The DM11F also features a highly chemical resistant housing to allow for use of a wide range of chemicals, including pH water treatment chemicals and other substances commonly used to combat bio-film.
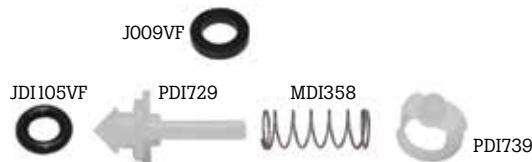
- Maximum Flow: 11 GPM
- Minimum Flow: 0.02 GPM
- Injection Percents: 0.8%
- Injection Ratios: 1:128 Fixed
- Pressure Range: 1.5–85 psi
- Connections: 3/4" NPT

#DM11F.. DM11F Diaphragm

Slider   Blade   Rocker

Slider Repair Kit
#PPDI048.. Slider Repair Kit

J009VF

JDI105VF   PDI729   MDI358   PDI739

Lower End Repair Kit
• Also includes MedRX and Dosa-Lube packs
#PJDI900LS .... Lower End Repair Kit
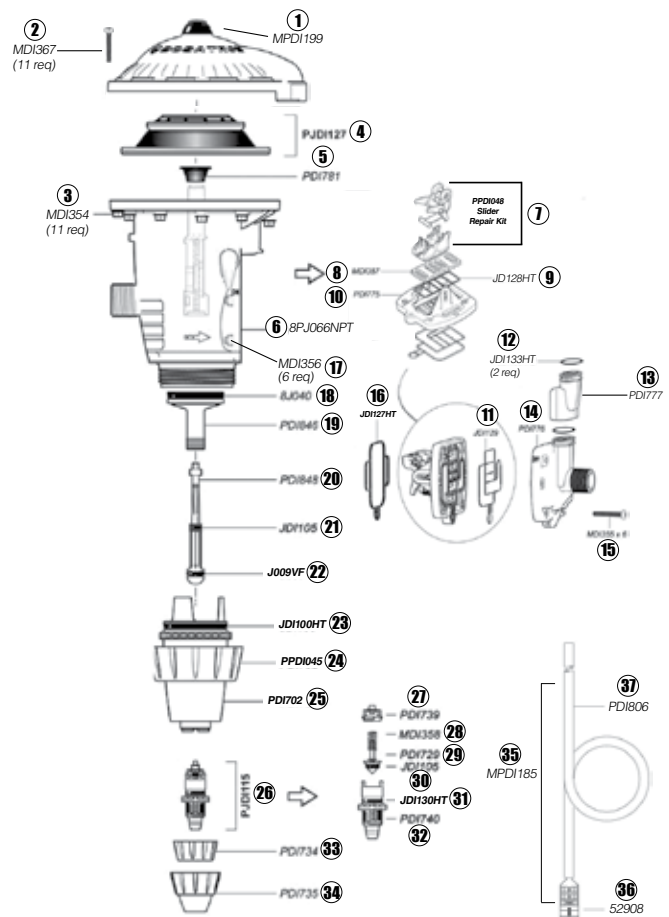
DM11F Replacement Parts

1) #MPDI199... Cap Assembly
2) #MDI367 ....Screw
3) #MDI354 ....Nut
4) #PJDI127HT .... Diaphragm
5) #PDI781 .... Plastic seal for diaphragm
6) #PDI771 ....Body
7) #PPDI048 .... Slider Repair Kit
8) #MDI387...Ceramic Plate
9) #JDI128HT ....Actuator gasket
10) #PJDI125HT...Actuator subassembly & gasket
11) #JDI129HT...Actuator gasket
12) #JDI133HT .... O-ring seal for actuator (2 req)
13) #PDI777 ....Upper transfer body
14) #PDI776 .... Transfer body
15) #MDI355 ....Screw
16) #JDI127HT ....Transfer body gasket
17) #MDI356..Nut
18) #8J040HT ....O-ring for isolation body
19) #PDI846 ....Isolation body
20) #PDI848 .... Plunger
21) #JDI105VT...Plunger o-ring top
22) #J009VF...Plunger seal bottom
23) #JDI100HT .... O-ring for stem body
24) #PD1702 .... Top stem nut
25) #PPDI045...Injection stem assembly
26) #PJDI115HTAF ....Check valve assembly
27) #PDI739 .... Check valve cap
28) #MDI358..Check valve spring
29) #PDI729 .... Check valve cone
30) #JDI105VT.......................................O-ring for check valve cone
31) #JDI130HT ....O-ring for hose barb
32) #PDI740 ....Hose barb
33) #PDI734 ....Nut for check valve
34) #PDI735 .... Lower stem nut
35) #MPDI185 ....Hose assy. 5/16", DM11F
36) #52908 ....Strainer for 5/16" hose, DM11F
37) #PDI806 ....Hose

Chemilizer

HN55 Medicator

WATER MOTOR
- Has no sliding piston to wear out.
- Is not affected by chemicals since they are injected directly into the water line for mixing.

CHEMICAL PUMP
- Twists in and out of water motor.
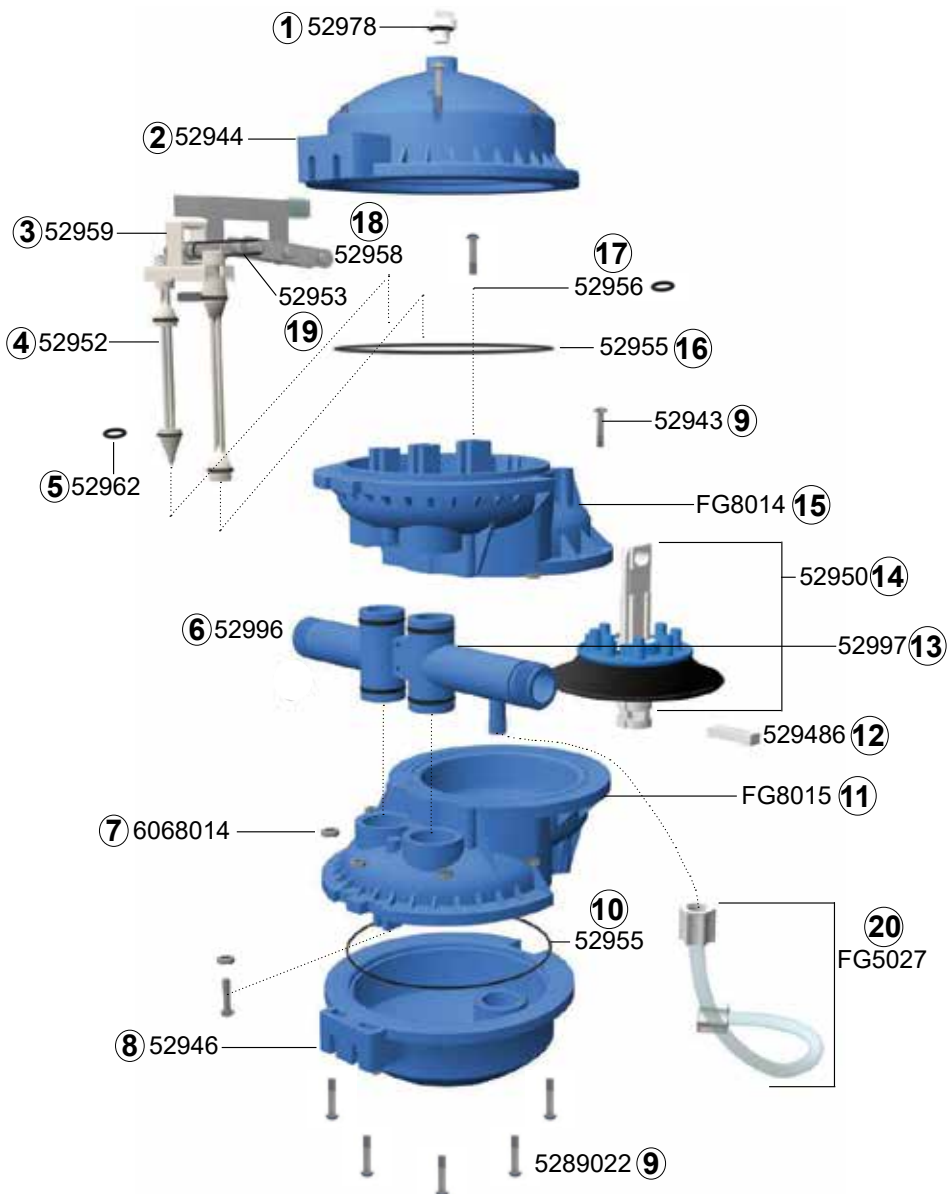- Easy maintenance.

SPECIFICATIONS
- Maximum Flow: 11 GPM
- Minimum Flow: 0.02 GPM
- Pressure Range: 3-85 psi
- Connections: 3/4" NPT

#CH9000-209......HN-55 Medicator, Fixed, 1:128
#HN55ADJ....HN-55 Medicator, Adjustable, 1:50-1:168

Water Motor Parts

1) **#52978**...Twist air vent
2) **#52944**.. Top cap
3) **#52959**.. Actuator arm
4) **#52952**..I/O valve
5) **#52962**..O-ring 109
6) **#52996**..........................Assembly for Inlet Tee
7) **#6068014**.. 10-32 nut
8) **#52946**.. Bottom cap
9) **#5289022**............. 10-32 stainless steel screw
11) **#FG8015**...........................Main body assembly
12) **#529486**................................Motor piston clip
13) **#52997**.......................Assembly for Outlet Tee
14) **#52950**...........................Diaphragm assembly
15) **#FG8014**...........................Body assembly top
16) **#52955**...O-ring 159
17) **#52956**.. O-ring 009
18) **#52958**.. Pivot arm
19) **#52953**...Tension ring
20) **#FG5027**...............Medication hose assembly

Diagram Labels

1. 52978
2. 52944
3. 52959
18. 52958
52953
19.
4. 52952
17. 52956
16. 52955
5. 52962
9. 52943
15. FG8014
14. 52950
6. 52996
13. 52997
12. 529486
11. FG8015
7. 6068014
10. 52955
20. FG5027
8. 52946
9. 5289022

Chemilizer Pumps

1) **#FG9209-V**... Fixed 1:128
2) **#10095989**.........Adjustable 2%-0,6%, 1:50-1:64
3) **#10095982**........ Adjustable 5%- 1.6%, 1:20-1:64

Old-Style Pump Rebuild Kit

#OR9409-V...1:128
#OR9410-V 1:100
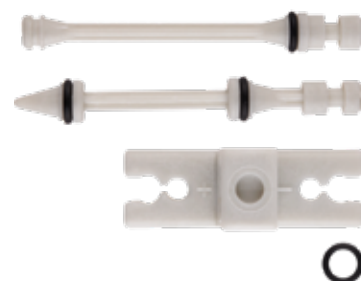
Replacement Kit for I/O Assembly

#52952.............Replacement Kit for I/O Assembly
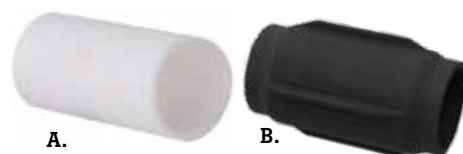
Sleeves

A) **#10095071** ....Ceramic Sleeve
B) **#10097374** ....Kynar Sleeve

HOG SLAT® Medicator

#DI7125010

#D7125020
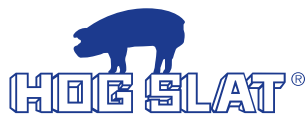
DPLH128 Medicator

Connection Size: 3/4" NPT
Unit Weight: 3 lbs
Dimensions: 11.25" x 6.5"
Operating Flow: 1/3 Pint/Min to 11 GPM
Pressure: 4.3 to 85 PSI
Ratio: 1:128
Dilution Rate: 1 oz/gal
Maximum Temperature: 104°F
Accessories: Clear suction tube, mounting bracket, weighted strainer, quick start guide

#DPLH128 .... DPLH128 Medicator

MixRite Medicators

Dilution Ratio: 1:128 Fixed (.08%)
Water Flow Rate: .03 to 11 GPM
Operating Pressure Range: 2.9 to 129 PSI
Connection Size 3/4" BSPT

#DI7125010...2501 Fixed Rate Pump

Dilution Ratio: 1:300 to 1:50 (.03 to 2.0%)
Water Flow Rate: .03 to 11 GPM
Operating Pressure Range: 2.9 to 12 PSI
Connection Size 3/4" BSPT

#D7125020 ....2502 Adjustable Rate Pump

#DI7125360000024 .... Suction Tube Kit 10mm for Medicator Model 2502
#DI7125360000119........ Check Valve Kit 10mm for Medicator Model 2502 Mixrite
#DI7125360000191 ....Mechanism Springs (2) Plastic
#DI7125360000203 ..... Engine Repair Kit for Medicator Model 2502 Mixrite
#DI7125360000206 ....Seal Kit for Medicator Model 2501 Mixrite

Agitator Pumps

• 1/200 hp, 115 V
• 6-1/4" H x 4-1/4" W x 6-1/4" L
• No more clumping at the bottom of the stock tank.
• Keeps hard-to-mix chemicals in suspension!

#500203 ....6' cord
#500500 ....18' cord

Qwik-Blend Injector Pump

Preset unit injects Proxy-Clean® directly from the jug without premixing a stock solution. Reliable 3% venturi injects without moving parts to break. Steel cabinet with extra 3% tips, ships with connection hoses preclamped for installation.

#WC001 ....Proxy Clean Quick Blend 3%

ROTEM Replacement parts for Platinum Plus and Plus Jr

4.

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9.

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12.

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20.
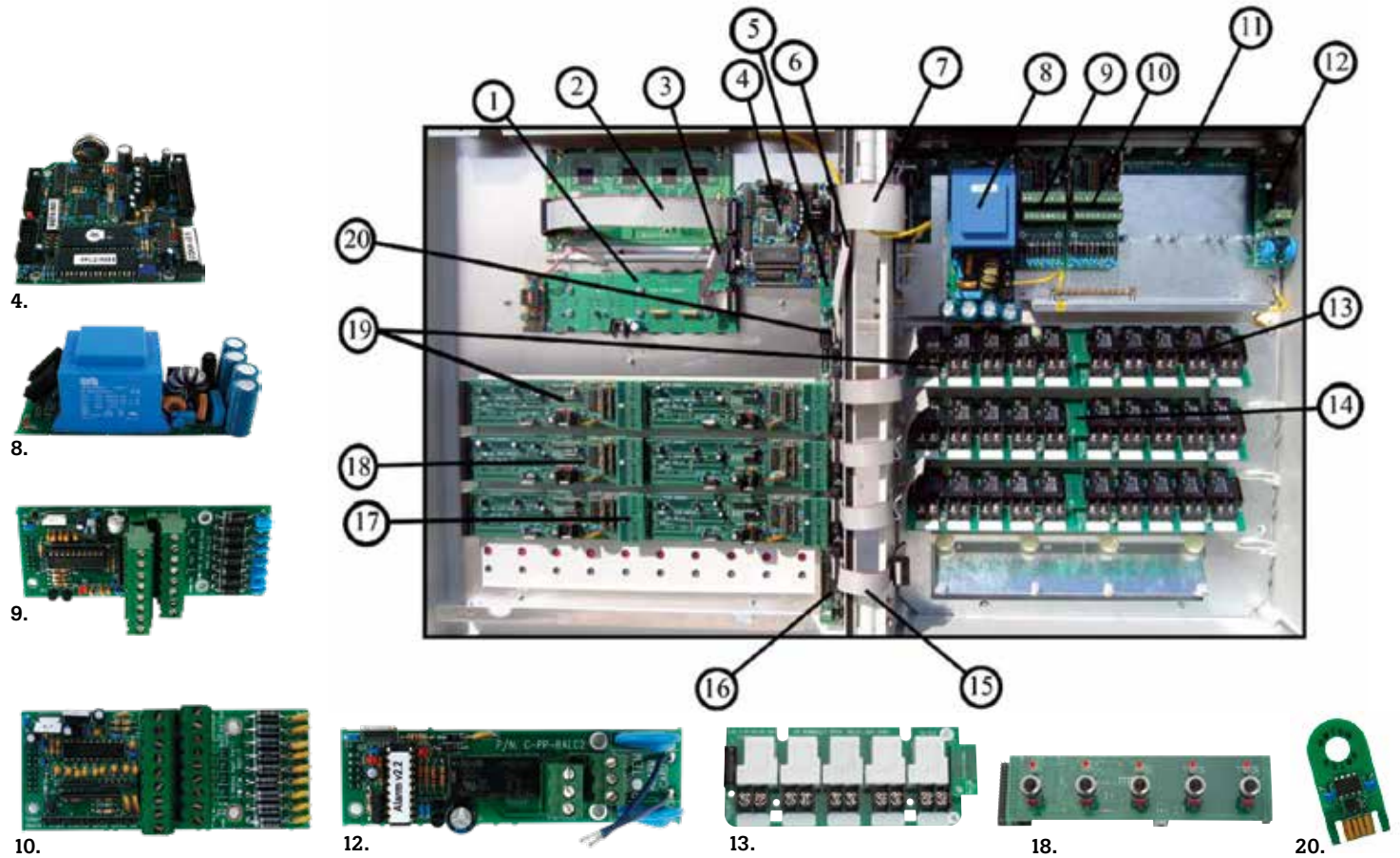
1A) #DI78CPPKBDLED...New Style Key Pad	**12) #DI784ALAR**.. Alarm Card
2) #DI784CLCD .... Cable – LCD	**13)#DI784REON**...Relay Card Only
2A) #DI78SPPPLCDLED...New Style Cable – LED	**14) #DI784JURE** .... Jumper – Relay Only
3) #DI784CKEY...Cable – Keypad	**15) #DI784CABL** .... Cable – Switch to Relay
4) #DI784PPMB ....Main Board – CPU	**16) #DI784SBUS**.. Switch Bus
4A) #DI784CPPARM..New Style Main Board – CPU	**17) #DI784JUMP**...Jumper – Switch
5) #DI784JUCP...Jumper – CPU	**18) #DI784SWON** .... Switch Card Only
6) #DI784CBUS...Cable – Bus to Bus	**19) #DI784RELA**...Relay Block
7) #DI784CMAI..Cable – Platinum Main	**20) #DI784DATA**...Data Plug
8) #DI784PPPS..Power Supply	**NS) #DI784SWCO**...Switch Cover
9) #DI784RDIC... Digital Card	**NS) #DI784PLCD**.................................... Display (old version w/ green screen)
10) #DI784ANOU .... Analog Input	**NS) #DI78SPPPLCDLED**...................... Display (new version w/ white screen
11) #DI784IBUS ....Input bus for Platinum Plus	**NS) #DI784HING**...Hinge Set

Communication Card
#DI784COMM........................Communication Card

Relay Block for Winch Card
#DI784REWC............. Relay Block for Winch Card

Variable Output Card
#DI784ANAC ....Variable Output Card

Temperature Sensor
#DI784TEMP .... Temp. Sensor

Static Pressure Sensor
#DI784STAT....................... Static Pressure Sensor

ROTEM

Rotem Pro

Poultry House Control Computer

- Large range of hardware combinations enables extremely flexible system design
- Less wiring to ventilation fans required (when used in conjunction with the HUBs).
- Expansion boxes support input/output devices, removing the need for additional controllers.
- Improved software capabilities support an unlimited number of devices, including scales, meters, digital thermostats, and more.
- Extended longevity of hardware components.
- Minimal internal heat improves durability in hot climates.
- Reduced electrical noise levels inside the controller improve signal quality.
- Simplified troubleshooting enables detecting faulty cards easily and quickly.

#DI784RPRO40..Rotem Pro /40 Relays
#DI784RPRO50..Rotem Pro/ 50 Relays
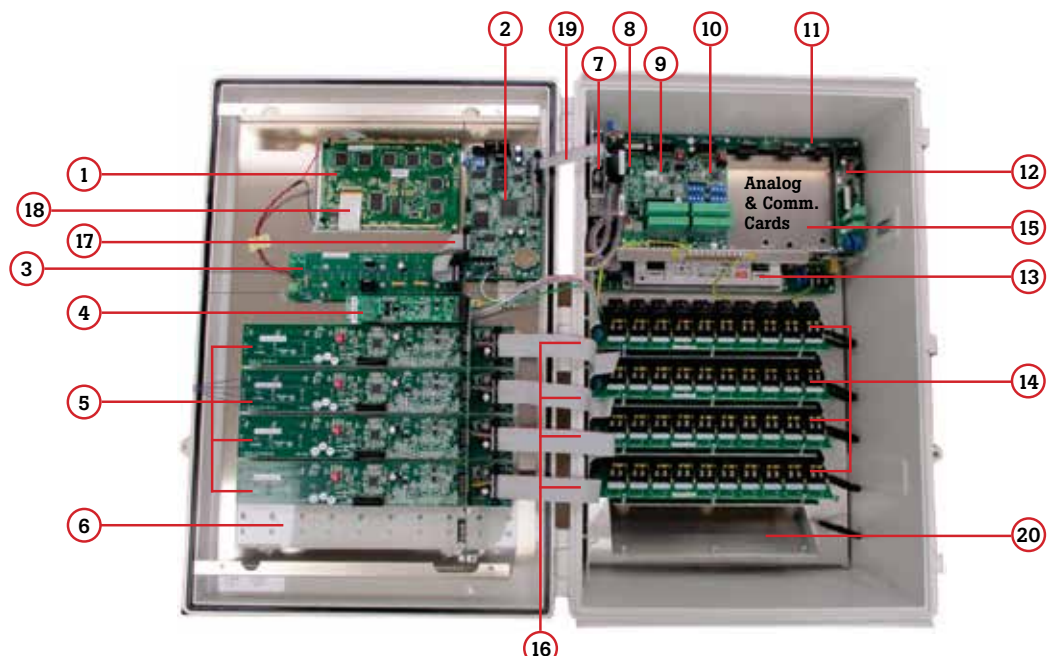
Rotem Platinum Pro Spare Parts

1) **#DI784SPPROXLLCDLED** ....LCD Display
2) **#DI784CPPARMPRO**..Main Board
3) **#DI784KEYP** ....Key Pad (Discontinued)
4) **#DI78CBOARDONE**...P4 RS485 Card
5) **#DI784SWONPRO**.. Switch Card
6) **#DI784SBUSPRO** ....Switch Bus
7) **#DI784STAT**..Static Pressure Sensor
8) **#DI78CBOARDPRO**.. Connection Board
9) **#DI784RDICPRO** ....Digital Input/ Water, Feed, Alarm
10) **#DI784ANOUPRO** ....Analog Input Card/ Sensor
11) **#DI784IBUSPRO**..Input/ Output Bus
12) **#DI784ALARPRO**...Alarm Board
13) **#DI784CPPPS100DVPRO**...Power Supply
14a) **#DI784REONPRO** ....Relay Card
14b) **#DI784RELAPRO**...............................Relay Block 5 Relay w/ Switches

15) **OPTIONAL PARTS**
    #DI784ANACPRO......................................Analog Output Card – Dimmer
    #DI784CPPISO485PRO .... Communication Card
16) **#DI784CABLPRO**.. Cable–Switch/ Relay
17) **#DI784CKEY** .... Key Pad Cable
18) **#DICABLE–PLATINUM LCD** ....LCD Cable
19) **#DI784CMAIPRO** ....Main Cable
20) **#DI784RELC**..Plastic Relay Lock

OPTIONAL PARTS (NOT SHOWN)
    #DI784PPROWC.. Winch Card Set
    #DI784PPPCSS30APRO.....................................Current Sense Set
    #DI784PPROSOWC.............................Winch Switch Card Only
    #DI784CPPROWCBRC...Winch Card Relay Only
    #DI78SDCARD.. SD Card

Phason
electronic control systems

Control Kit

#PEC PLUS

#SUPRA-RS

Combo Kit

#P-MSC-4

#MTC-4C

Supra 16-stage control
#SUPRA-RS ....4 var stages,12 relay stages, 1 alarm relay, 4 temp zones
#K210006 ....Supra display repair kit
#K210002-RS... Supra control repair kit

PEC PLUS 8-stage control
#PECPLUS-RS .....2 var stages, 6 relay stages, 1 alarm relay, 4 temp averaging temp zones
#KPEC-PLUS-A ....PEC PLUS Display repair kit
#K170048-RS... PEC PLUS control repair kit

SEC-HD 5-stage control
#SEC-HD ....2 var stages, 3 relay stages, 1 alarm relay, 1 temp zone

PEC 6-stage control w/ inlet stages
#PEC.... 2 var stages, 4 relay stages, 1 alarm relay, 2 inlet control relays, 1 temp zone
#PKPEC-B .... PEC control repair kit

TVS 3-stage control
#TVS ....2 var stages, 1 relay stage, alarm relay, 1 temp zone
#K310056.. Bottom Assy
#PKTVS-B ....display repair kit

PAEC-2 2-stage control
#PAEC-2 ....1 var stage, 2 relay stages, alarm relay, 1 temp zone
#PKPEC-B .... AEC-2 combination repair kit

MTC-4C Automatic speed control
#MTC-4C ....1 var, adjustable 40-90° temp set point, auto shut off mode, 10 amps

FHC-1D Fan and Heater Control
#FHC-1D..... 1 var, 1 heater interlock relay, auto shut-off mode w/adj. set back, 1 temp zone
#PKFHC-1D..combination repair kit

NVC-2 Natural ventilation control
#NVC-2..Curtain control w/ heater interlock

SPC-2 Static Pressure control
#SPC-2 .... 2 relay stage (open/close), adjustable pressure set-point & differential, adjustable idle durations (1 to 900 seconds)

MSC-4 Manual speed control
#P-MSC-4 ....1 manual var speed, on/off switch, 12 amp, 120/240 volt, controls up to 3-20" stir fans

Sensors and Probes
#MT-P3 ....Probe Temperature 1' for MTC-3C & MTC-4C
#MTP330.................................Probe Temperature 30' for MTC-3C& MTC-4C
#MT-P3B .... 1' temp probe for all Phason controls (except MTC-4C)
#MT-P3A .... 6' temp probe for all Phason controls (except MTC-4C)
#MT-P3A/30.................30' temp probe for all Phason controls (except MTC-4C)

MAXIMUS

- **Highly intuitive icons make the Maximus the easiest control system on the market.**

- **The only management solution that offers a five-year warranty when connected to the Internet.**

- **Maximus is the only true management control that is fully customable, regardless of the building size or application.**

- **Schedule Maximus to send customized reports every morning to your management team.**

5 WARRANTY YEARS

**VENTILATION/HEATING • WATER MANAGEMENT • BIN WEIGHING • GROWTH CURVES
POWER CONSUMPTION • LIGHTS • FEEDING AND MORE**

EDGE®
THE NEXT GENERATION OF CONTROLLERS

EDGE® is a single platform that is versatile and intuitive allowing it to handle all control applications. The unique design makes EDGE® the only controller on the market that can be configured to match your operation's specific requirements. It is also flexible enough to be adapted to new construction or existing system upgrades.

- Information at a glance
- Multi–Location Control
- Remote Connectivity
- Simple Configuration
- Ventilation Based on CFM per Head
- Self–Diagnostics
- Full Redundancy
- Fail Safe Mode
- Data Analysis
- Modular Architecture
- Plug–In Modules
- Multiple Types of Inputs
- Variable Lighting
- Secure Wire Configuration
- LED Temperature Probes

Time Clocks

Designed for industrial, commercial and residential applications. Highest HP ratings in the industry for loads up to 40 amps, providing direct 24-hr. control of most loads. Provides 1 to 2 "ON/OFF" operations each day with minimum ON/OFF time of 1 hours. All models equipped with one "ON" and one "OFF" tripper.

#INT101P............................. 24 hr. w/ plastic case
#INT101PCD82.....24 hr. w/ plastic case, window
#59036.. 24 hr

24-hr with Skip-a-day

A skipper option to not operate on selected days. Cutout screws are inserted in the dial for days which operation is to be skipped. Provides up to 10 ON/OFF operations each day with min. ON/OFF operations of 1 hour and max. ON time of 20-hours. Includes one CUTOUT tripper (also serves as an "ON" tripper), one "OFF" tripper and three skipping screws.

#INT173....................... 24-hr w/ skip-a-day, 120V
#INET174 .... 7-day skipper, 240V
#INER8806P101C.................... 14 day skipper, 240V

24-Hour Timer with Plastic Case

Designed for industrial, commercial and residential applications. Highest HP ratings in the industry for loads up to 40 amps, providing direct 24-hr. control of most loads. Provides 1 to 12 "ON/OFF" operations each day with minimum ON/OFF times of 1 hour.

#59070 ....24-Hr. Timer w/ Plastic Case

Replacement Tripper Pins

• for Intermatic T101, T103, T104 Time Clocks

#156T3492A ....Replacement tripper pins

Adjustable "Minute" Cycle Timer

Our timer is easier for you to manage, and it's more straight forward than those confusing percentage cycle timers. Simply select the minutes you want the electronic device you are controlling (ie. Fan Motor) to turn on and the minutes you want it off - up to a 30 minute cycle with a 30 second minimum setting. It works on both 120 and 240 Volt applications and comes in a NEMA4 enclosure. Each knob has a maximum on or off time of 15 minutes.

#HS834 .... Adjustable cycle timer

One-Hour Cycle Timer with Plastic Case

• 1 to 30 ON-OFF operations per hour. 60 tabs permit 1 minute switching changes
• Indoor/ Outdoor Plastic Enclosure
• 20 Amp rating
• 120 V
• SPDT

#590010 .... 1-hr. cycle timer.plastic case

Spring Wound Timer

#INFD1H..........................1-hr. spring wound timer
#INFD2H..........................2-hr. spring wound timer
#INFD4H..........................4-hr. spring wound timer
#FD6H ....6-hr. spring wound timer
#FD12HC ....12-hr. spring wound timer

Replacement Tripper Pins

• for Intermatic T1905, T1906, T1975R Time Clocks

#IN156T1950A...12-pack

Hi Lo Thermometer

Records the high and low temperature day and night. Also great for use in egg coolers.

#59630...................................... Hi Lo Thermometer

Tork Timers

#T8001 ....Timer 120 V 24 hr. clock
#T8004 .... Timer 240 V 24 hr. clock, 10 amp
#HE610410....................... Motor for T8001 timer
#T201M........................... Motor for T8004 timer
#HE610404 .... Timer Metal Indoor, NEMA1, 120 V, 40A (Tork #1101)
#HE610406 ... Timer Noryl Indoor/Outdoor, NEMA 3R, 120 V, 40A (Tork #1101-N)
#HE610410.............Motor Replacement for Timer 120 V 40A (Tork# 101)

Adjustable Percentage Timer

Sealed enclosure designed for confinement conditions. New externally mounted push button allows programming without removing the cover. Eight selectable time durations: 30 seconds, 1, 3 ,5, 10, 30 minutes, 1, 4 hours. Cycling pattern from 3% to 97% to total cycle duration. Manual override to allow users to bypass programmed cycling.

• Volt/Frequency: 120/220VAC, 50/60 Hz
• Switch: SPST
• Resistive: 20 amp
• Motor Load: 2 HP/240; 1 HP/120

#INCT2000 ....Adjustable Percentage Timer

Single Stage Thermostat

Single stage thermostat designed for ventilation and heating applications in high moisture environments or outdoor use; NEC 547 compliant. NEMA 4X compliant enclosure with special O-ring cover seal for an improved barrier seal.

• Switch action: SPDT
• Range: 30 to 110° F
• Differential: 3.5° F
• Demensions: (LxWxH) 9" x 4" x 3"

#HS596001 .... Single Stage Thermostat

Thermostat

Our best selling single stage electromechanical thermostat designed for heating and ventilation applications. Features a rugged thermoplastic enclosure that meets NEMA 4x specifications with an o-ring sealed set point adjustment knob. Exposed portion of the liquid filled sensing element is plated and plastic coated to resist damage in corrosive environments.

#59600 .... Single Stage
#59601 .... 2 Stage
#59600GP .... Single Stage w/G.P. Logo

Quantum Fan Control

Precisely modulates the speed of ventilation fans. Temperature set point is adjustable from 35 to 95 degrees F. Features fully insulated moisture proof enclosure. Fan motors must be permanent split capacitor or shaded pole with built-in thermal fuse. Universal 125/240V control.

#59615 .... Quantum Fan Control

Digital Thermostats NEMA

Accurate single-stage electronic temperature control with Single Pole, Double Throw output relay. Rugged thermoplastic NEMA 4X housing with easy-to-read LCD temperature display and lockable front-panel touchpad for set up and adjustment.

#59600D .... NEMA 4 120–240 VAC

Honeywell 4-stage Thermostat

• 4 separate stage can be set for heat or cool
• 120/240 VAC
• Adjustable set point
• NEMA 4X enclosure
• 1 to 35 Degree differential
• 1 temperature sensor input

#79081 .... Honeywell 4-stage Thermostat

VT15-WD Thermostat

The T15 is a single-stage mechanical thermostat for primary or backup operation of fans and heating equipment. Featuring a weatherproof housing with isolated electrical connection box. Adjustable knob pointer disc allows the thermostat to be re-calibrated. Fixed 1.8 degree bandwidth. 120 or 240V. 50/60hz. 10 amp maximum load. SPDT.

#VT15-WD .... Multifan Single Stage

Pre-wired Thermostat

• Pre-wired w/20' cord
• Plugs into a regular outlet
• Controls any heater
• 15 amp max

#59598 .... Pre-wired Thermostat
#U02-2601 .... Cord Only 14/3 SJ, 20'

Thermostat with Metal Housing

• Single-pole, double-throw switch for controlling ventilation or heating.
• Metal housing with liquid-filled sensing element.
• 30° to 110° temperature range.
• 7/8" Diameter hole for 1/2" conduit.

#59001 .... Single Stage

Ranco Digital Thermostat Controller 24V Input

• Temperature Setpoint Range: –30° to 220°F
• Differential range: 1° to 30°F
• Pilot duty: 125VA at 120/208/240VAC
• Sensor: Thermistor, 2" long x 1/4"dia 8' cable (included)
• Control Ambient Temperatures Operating: –20° to 140° - Storage: –40° to 176°
• Ambient humidity: 0 to 95% RH, non-condensing
• Enclosure: NEMA 1

#3ZP79 .... 24 V input w/ 8' sensor
#3ZP77 .... 120–240 V w/ 8' sensor

TemproSTAT

The TemproSTAT is ideal for controlling heating devices to avoid frozen pipes and waterers.

• Turns of at 35° F and off at 48° F
• Compact 3-1/4" x 1-3/4" x 1"
• 15 AMP rating, 1800 watts @ 120V combined load for both receptacles
• 1 male grounded plug to install into120V outlet
• Pilot light illuminates when receptacles are energized
• UL and CSA compliant

#KTP526 .... Freeze protection thermostat

Digital Thermostat

#TSW-250 .... Two Stage Weatherproof 90 to 255 V
#TSW-260 .... Two Stage Weatherproof 12 to 24 V

Replacement Sensor

Temperature sensor with 2-3/4" x 3" NEMA 4X PVC housing. Can be suspended or surface mounted. 304 stainless Steel probe measures 3-1/2". Operating temperature range is –40° to 250° F. Direct replacement sensor for Chore-Time or Hired Hand controls.

#EL1087 .... Replacement Sensor

"PROTECT YOUR INVESTMENTS... EVEN WHEN YOU CAN'T BE THERE."

Sensaphone® Monitor

The Sensaphone® alarm monitor is an inexpensive way to monitor any type of facility. Once the Sensaphone® detects a problem it automatically starts dialing your pre-programmed phone numbers and advises you of the problem. It continues to dial until someone responds to the call.

• Each unit monitors power and temperature
• Line seizure feature gives unit the ability to "seize" line when it needs to dial unit
• Custom voice messaging
• Can dial your beeper, pager or cell phone
• "Listen-In" feature allows you to hear on-site sounds
• Output for a siren
• Uses 6 – 1.5 volt "D" cell batteries as backup (not included)
• Operating range: 320 to 1500 F; remote temperature sensing range of –200 to 1500 F
• 6' power cord
• Uses the 2.8K temperature sensor

Model 400 (#FGD-400)
• 4 configurable inputs
• Dials up to 4 phone numbers

Model 800 (#FGD-800)
• 8 configurable inputs
• Dials up to 8 phone numbers

#FGD-400 ....Sensaphone Model 400
#FGD-800 ....Sensaphone Model 800

Modern Look, Classic Function
Sensaphone® Model 400 (new replacement for the 1104 and a direct replacement for the CottageSitter)

We carry ALL Sensaphone® Alarm Systems!

Rechargeable Battery
• 12 vac battery
• Used with alarm systems

#52027	12 V, 5 AMP Hours
#GAA-BATTERY	Agri Alert Alarm 7amp 12V
#B-645	6V, 4 Amp, 4.5V Output
#UB1213	12 V / 1.3 AMP Hours (Farm Alarm)
#UB1280	12 V / 8 AMP Hours

Water Pressure Alarm Switches
Activates alarm when water pressure drops below adjustable range of 0–30 PSI.

#520150 ....Low Pressure Water Switch
#SM-2C-010F ....Nason Water Pressure Alarm Switch, 10psi preset

#FGD-0102

#FGD-0101

#DSAL-RTS-MR

Temperature Sensors
#FGD-0101 ....Probe, 2.8K Series Weatherproof with 12' wire
#FGD-0102 .... Probe, 10K Series Weatherproof with 12' wire
#DSAL-RTS-MR ....Sensor, Indoor 2.8K Series

Farm Alarm IV Monitoring System

#FAWYRLSM4-0 ....Alarm Master WYR-LS 4.0 Temp, Power, Water, Battery Backup
#FAWYRLSSL4-0 ....Alarm Slave Temp, Water, Power, Battery Backup
#FAWYR-LSRGENKT ....Radio Generator Kit

Sensor Magnetic Reed For Sensaphone
#FGD-0006 ....Magnetic Sensor

Thermalarm

#520190

#52019

#H3016-1380

#520190 .... Thermalarm III (normally closed)
#520191 ....Thermalarm II (normally open)
#52019 ....Thermalarm III (normally open)
#EL1143 .... Siren 30w, 12 VDC, 1amp

Alarm Battery Charger Power Supply
• Used with Hired Hand alarms

#H3591-1378 ....Power Supply

57" X-Brace Ventilation Fan

Efficient Drive System

Powerful High Service Factor 1.5 HP motor. Self-adjusting tensioner automatically keeps the 1/2" link belt at the proper tightness for maximum efficiency.

Optional Mounting Kit (#AS-57FMH)

Stainless steel kit adapts fan to a through–wall installation.

Poly Butterfly Shutter

Corrosion resistant poly dampers seal tight with magnetic closures and dual springs. An aluminum damper ring maintains maximum stability in any temperature extreme.
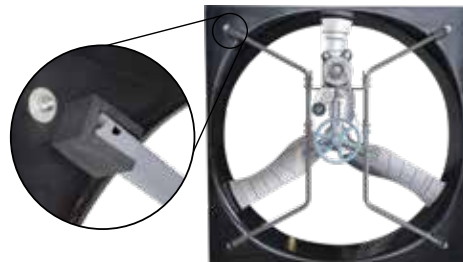
Rigid X-Brace Supports

Innovative X–Brace design moves the anchor points of the support arms to the housing corners for maximum stability. The support arms are manufactured from aluminum tube for increased corrosion protection and incorporate a triangular edge profile to reduce wind turbulence. Rubber corner mounts cushion the fiberglass housing from fan vibrations.

THE BEST PILLOW BLOCK EVER

Improved Bearing Life

New solid base bearing housing increases mounting stability, reducing vibration significantly. The new bearing also includes a double–lip FloBack seal to improve lubrication and add additional protection against contamination to reduce maintenance. Fan features Stainless Steel motor and bearing mounting plates.

Detail A
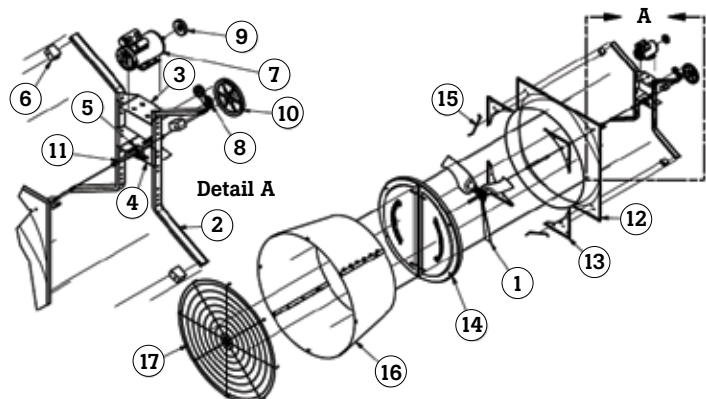
AS-57EBDBP Parts List

Item #	Description
1) **HS900-57F**	Prop 57", 3-Blade SS
HS900-57G	Prop 57", 3-Blade, Galv.
2) **AS-54X115A**	Assembly, Upright, Fan 54" Aluminum X Frame Unpainted

Item #	Description
3) **AS-54X110**	Mount, Motor, Stainless, 54" X Frame
4) **AS-54X118**	Plate, Support Shaft ASM
5) **UCP20516G5**	Bearing 1" Pillow Block Standard 2 Set Screws
6) **AS-54X312**	Block, Isolation, Interior Air Storm X Frame
7) **HS9019A**	Motor 1.5HP 1725 RPM 1 PH 208–230V
HS9378-VFD	Motor 2 HP 1725 RPM 230/460 3 PH
8) **HS903-3**	Tensioner Rotary Assembly with Splash Guards
9) **PAK3058**	Pulley AK30-5/8
10) **PAK991**	Pulley AK99-1
11) **SHAFT1-1800T**	Shaft 1" x 18" (1/4 x 1/8 x 18 Thru Keyed)
12) **AS-57309**	Venturi, Fiberglass Panel 57"
13) **AS-57319**	Support Plate, Corner 57" FBG Fan
14) **WS901-57U**	Assembly, Butterfly 57" Fan
15) **AS-57320**	Bracket, Cone Support 57" Fan
16) **AS-57305P**	Panel Cone 57" Poly Black
17) **HS902-57E**	57" Fan Prop Exit Guard

*Hog Slat test chamber

AirStorm X-Brace 57" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-57EBDBP	SS Blade & Hdwr. w/cone	PVC	57" x 57"	1725	Belt	Single	1–1/2
AS-57EBDBP-V	SS w/VFD drive & cone	PVC	57" x 57"	1725	Belt	Variable	2 (3 Ph)
AS-57EBDBPG	Galv. Blade & Hdwr. w/cone	PVC	57" x 57"	1725	Belt	Single	1–1/2
AS-57EBDBPG-V	Galv w/VFD drive & cone	PVC	57" x 57"	1725	Belt	Variable	2 (3 Ph)
AS-57EBDBP-HE	High Efficiency Conversion Kit						

MODEL	BESS TEST	0.00" SP CFM	0.00" SP CFM/WATT	0.05" SP CFM	0.05" SP CFM/WATT	.10" SP CFM	.10" SP CFM/WATT	.15" SP CFM	.15" SP CFM/WATT
AS-57EBDBP	20379	33,400	26.6	31,500	23.6	29,400	20.9	26,500	17.9
AS-57EBDBP-HE	20378	30,600	31.1	28,800	27.5	25,900	23.2	22,900	19.5
AS-57EBDBPG	20376	33,200	25.7	31,300	22.8	29,200	20.2	26,600	17.7
AS-57EBDBPG-HE	20377	30,600	30.5	28,600	26.9	26,200	23.3	23,000	19.5
AS-57EBDBP-V	HS-00709*	32,613	23.3	29,300	20.7	26,534	18.1	23,796	12.5

Fiberglass Ventilation Fans
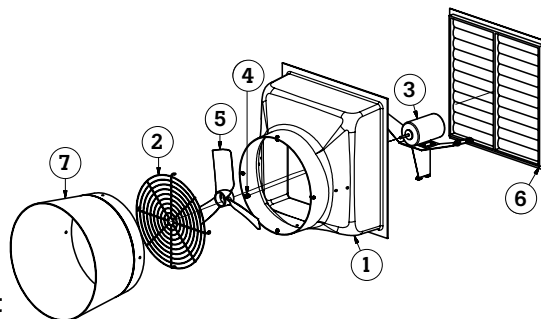
AS-24 Parts List

Item #	Description
1) **AS-24101**	Housing, 24" fiberglass
2) **AS902-24EC**	Guard Fan 24" White Hog Slat
3) **HS9006A**	Motor 1/3 Hp 1075 RPM 115/230 1PH
HS9306A-VFD	Motor 1/3 Hp 110 RPM 230/460 3 PH
4) **HS903-1**	Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
5) **HS900-24A**	Prop 24" Fiberglass
6) **101194-5**	Shutter PVC 32-1/2" x 32-1/2" Double Door
7) **AS-24206**	Cone, 24" poly

AirStorm 24" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-24EDDLP	24" w/o cone	PVC	34.5" x 34.5"	1075	Direct	Variable	1/3
AS-24EDDLP-V	24",w/VFD drive w/o cone	PVC	34.5" x 34.5"	1100	Direct	Variable	1/3 (3 Ph)
AS-24EDDLP-L	24",w/o VFD drive & cone	PVC	34.5" x 34.5"	1100	Direct	Variable	1/3 (3 Ph)
AS-24206	24" Poly Cone						

Model	Bess Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-24EDDLP	17295	7,330	16.7	6,930	15.2	6,570	14.1	6220	12.9
	17298*	6,430	13.6	6,140	12.7	5,750	11.7	5,350	10.7

*Performance shown with no cone
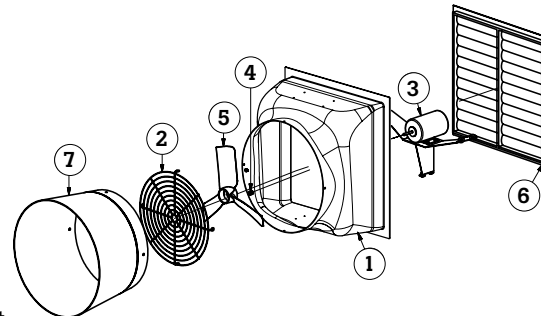
AS-36 Parts List

Item #	Description
1) **AS-36101A**	Housing, 36" Fiberglass
2) **AS902-36EC**	Wire Guard, 36"
3) **HS9009A**	Motor, 1/2 HP, 850 RPM, 115/230, 1 PH
HS9309-VFD	Motor, 1/2 HP, 850 RPM, 230/460 3 PH
4) **HS903-1**	Transtorque 1/2" w/ 7/8" Hex Nut Keyless Bushing
5) **HS900-36E**	Prop 36" Fiberglass
6) **101204**	Shutter PVC, 42" x 42"
7) **AS-36206**	Cone, 36" poly

AirStorm 36" Fan

Model	Description	Shutter	Rough Opening	RPM	Drive	Speed	HP
AS-36EDDLPA	36" w/o cone	Plastic	43.5" x 43.5"	850	Direct	Variable	1/2
AS-36EDDLPA-V	36", w/VFD drive w/o cone	Plastic	43.5" x 43.5"	850	Direct	Single	1/2 (3 Ph)
AS-36EDDLPA-L	36", w/o VFD drive & cone	Plastic	43.5" x 43.5"	850	Direct	Single	1/2 (3 Ph)
AS-36206	36" Poly Cone						

Model	Bess Test	0.00" SP		0.05" SP		.10" SP		.15" SP	
		CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT	CFM	CFM/WATT
AS-36EDDLP	15556	11,550	20.6	10,780	18.4	9,940	16.4	8,900	14.2
	15557*	10,510	17.7	9,790	16.0	8,980	14.4	8,150	12.8

*Performance shown with no cone

WindStorm

52" Galvanized Butterfly Fan (Includes cone)
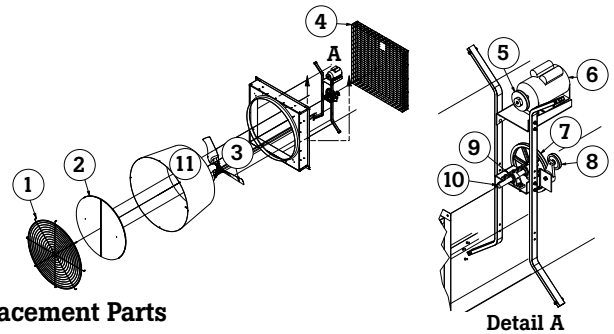
Replacement Parts

Item #	Description
1) HS902-13	Wire Guard
2) HS901-52	Butterfly Shutter Galv., Less Spring
3) HS900-52G	52" Prop
4) HS902-52	Interior Guard
5) PAK4158	Pulley, AK41-5/8
6) HS9019A	Motor, 1.5 Hp, 230V, 50/60 Hz
HS9378-VFD	Motor, 2 Hp, 208-230/460V 50Hz
7) PAK941	Pulley, AK94-1
8) HS903-3	Tensioner Rotary Assembly w/ Splash Guards
9) UCP20516G5	Pillow Block Bearing
10) SHAFT1-1000T	Shaft, 1" x 10" Keyed.
11) WS-52105	Cone section (4 req.)
N/S) HS903-14	Butterfly spring
N/S) HSAX57	V-Belt, 1/2" x 59" Cogged

Detail A

Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-F52B2A	52"	Butterfly	56-1/2" x 56-1/2"	230	Belt	Single	1-1/2
WS-F52B2A-V	52" VFD w/ Drive	Butterfly	56-1/2" x 56-1/2"	230	Belt	Variable	2 (3-Ph)
WS-F52B-HE2A	High Efficiency Conversion Kit						

Model	Bess Test	0.00" SP CFM	0.00" SP CFM/WATT	0.05" SP CFM	0.05" SP CFM/WATT	.10" SP CFM	.10" SP CFM/WATT	.15" SP CFM	.15" SP CFM/WATT
High Volume	17278	30,000	21.3	28,700	19.4	27,000	17.2	25,300	15.3
High Efficiency	17279	27,300	23.6	25,700	20.8	22,300	16.3	20,200	14.1

WindStorm

54" Galvanized Slant Wall Fan
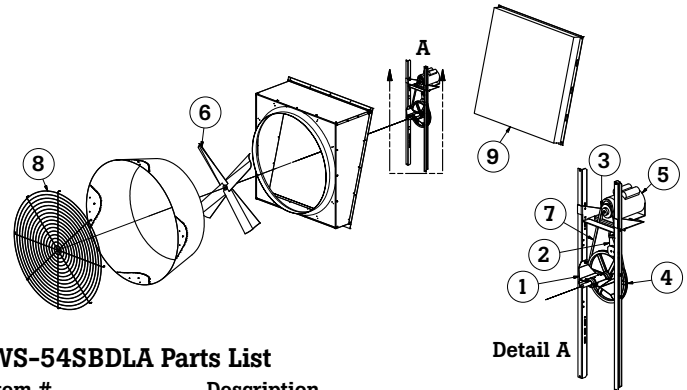
WS-54SBDLA Parts List

Item #	Description
1) HS903-2	Jack Shaft Housing Galvanized
2) HS903-3	Tensioner Rotary Assembly w/ Splash Guards
3) PAK2858A	Pulley AK28-5/8
4) PAK1041	Pulley AK104-1
5) HS9019A	1-1/2 Hp motor, 1725 RPM, 230 Volt
HS9378-VFD	2 Hp motor, 1725 RPM, 230/460 VFD compatible
6) HS900-54B	Prop 54" 4-Blade Galvanized WS Fan
7) HS903-7A	Belt Power Twist Gray
8) HS902-1	Wire Guard, 68"
9) HS901-1	Shutter 54" WS SW Fan 58" x 59" x 2.5"

Detail A

Model	Description	Shutter	Rough Opening	Voltage	Drive	Speed	HP
WS-54SBDLA	54"	Aluminum	60-3/4" (W) x 60-1/2" (H)	230	Belt	Single	1-1/2
WS-54SBDLA-V	54" VFD w/ Drive	Aluminum	60-3/4" (W) x 60-1/2" (H)	230/460	Belt	Variable	2 (3-Ph)

Model	Bess Test	0.00" SP CFM	0.00" SP CFM/WATT	0.05" SP CFM	0.05" SP CFM/WATT	.10" SP CFM	.10" SP CFM/WATT	Airflow Ratio
WS-54SBDLA	14344	28,400	23.6	27,100	21.5	25,400	19.2	.75

#HSBDR48-RK

Retrofit existing ACME® fan housings and save with GrowerSELECT® Housing Kits.

Before

After with Deep Housing Kit

GrowerSELECT®

Replacement ACME BDR48 Fan Housings

Constructed of 20 ga. Galvanized G90 steel, these replacement housings work for multiple ACME BDR48 Shallow Housing applications.

#HSBDR48-RK..Shallow Housing Kit
#WS-F48SW..Deep Housing Kit

Acme Fan Replacement Parts

1) #EE941365..Roll Pin
2) #EE125330...................36" Fan Blade Propeller
2) #HS900-48B ....48" Fan Blade Propeller
4) #EE121321B.............. Orifice Frame for 48" Fan
4) #EE125244 .... Orifice Frame for 36" Fan
6) #605082 ....Bolt 5/16" x 3/4" length
7) #EE121316 ....Bearing Base for 36" Fan
7) #EE121317...................Bearing Base for 48" Fan
8) #EE129056........ Bearing & Shaft Assy. 36" fan
8) #HS129058........ Bearing & Shaft Assy. 48" fan
9) #EE121185 ...Shaft For 36'' Acme Fan Old Style
9) #EE121193 ...Shaft For 48" Acme Fan Old Style
10) #PAK2358 .... Motor Pulley 36" Fan
10) #PAK3058 .... Motor Pulley 48" Fan

11) #EE121481..........................Motor Base 36" Fan
11) #EE121484A.......................Motor Base 48" Fan
12) #HSAX38.........Fan Belt 36" Fan Motor on Top
12) #HSAX28...Fan Belt 36" Fan Motor on Bottom
12) #HSA58 ....Fan Belt 48" Fan Motor on Top
12) #HSA46 .....Fan Belt 48" Fan Motor on Bottom
13) #EE129057 .... Fan Pulley for 36" Fan
13) #PAL11425MM .... Fan Pulley for 48" Fan
14) #HS9015A .... 1/2 Hp Motor Standard Duty for 36"
14) #HS9010A. 1 Hp Motor Standard Duty for 48"
14) #HS9000........ 1 Hp Motor Heavy Duty for 48"
NS) #HSBDR48-RK .....Shallow Housing Panel Kit
NS) #WS-F48SW ....Deep Housing Panel Kit

Bearing
• For Coolair and Acme products

#STD6203..fits 21/36" shaft
#STD6205...fits 1" shaft

Fan Props

#HS900-48B .... 48" Prop
#EE139177 .... 54" Prop

Fan Pulleys

#PAL11425MM .... 48" Pulley w/ Keyway
#PAK104H.. 48" Fan Pulley

Hub Bushing for Pulley

#HS931450.. Bushing

Idler Pulley for Belt Tightener

#HS993485 ....Idler

Shaft and Bearing Assembly

#HS129058 .... 48"
#HS125396.. 54"

DYNOFAN

DYNOFAN is ideal for use in horse barns, garages, workshops, loading docks, patios, outdoor entertainment areas and more!

- Heavy-duty steel fan basket and mounting arm
- Corrosion resistant black powder coated finish
- Suitable for use in high–moisture environments
- Balanced aluminum 3 prop blade

- Adjustable up to 140°
- Permanently sealed ball bearings
- Overload protection

- OSHA approved grille design
- 9' long SJTW cord
- UL 507 tested and rated

DYNO14SOO
14" Outdoor Stir Fan, 3-Speed

- **AIR DELIVERY**

Airflow*	2500/2200/1800

- **SPECS**

Motor size:	1/8 Hp
Voltage	120
Speed	3
Amps	1.08/.91/.79
Rpm:	1550/1440/1250
Frequency (Hz)	60
Speed controller included	Manual pull chain
Cord included	Yes, 120V, prewired
Cord Length	9'
Mount style	Ceiling/wall
Mounted included	Pre-installed
Guard spacing (in)	1/2
Product Weight (lb)	15

DYNO18SOO
18" Outdoor Stir Fan, 3-Speed

- **AIR DELIVERY**

Airflow*	6300/5300/4900

- **SPECS**

Motor size:	1/5 Hp
Voltage	120
Speed	3
Amps	1.45/1.36/ 1.27
Rpm:	1570/1400/1000
Frequency (Hz)	60
Speed controller included	Manual pull chain
Cord included	Yes, 120V, prewired
Cord Length	9'
Mount style	Ceiling/wall
Mounted included	Pre-installed
Guard spacing (in)	1/2
Product Weight (lb)	23

60" Updraft Paddle Fan

- 43,500 CFM
- .71 AMPs
- 10" Stem
- 120 Volt

#NE190A-7R ....Updraft paddle fan, 60"
#NE105F.. Control 5 Fan Infinite Speed 120 Volt
#NE150F.. Control 8 Fan Infinite Speed 120 Volt
#NE200F .... Control 12 Fan Infinite Speed 120 Volt

WindStorm

Box Fans

Windstorm™ box fans provide outstanding performance at an affordable price. They feature heavy galvanized steel housings with a secure wire guard which is easily removed for service.

Item#	Hp	RPM	Thrust (cfm)	cfm/W
WS-36BDD	1/2	850	9,950	21.7
WS-48BDD	1	850	16,900	19.0

Stir Fan Motors

- TEAO (totally enclosed air over)
- 115/230 volts
- 48Y Frame
- 60 Hz

Item#	HP	Fan Size	RPM
HS9076	1/3	20"	1725
5330016	1/2	24"	1725
HS9082A	1/2	36"	825

Replacement Blades

- Replacements for Schaffer, J&D and Windstorm stir fans

Item#	Size	Bore Size
HSFP-011	20"	1/2"
HSFP-012	24"	5/8"
HSFP-013	36"	5/8"

36" Box Fan Replacement Parts

#HS9005A .... Motor, 1/2 Hp 850 RPM 115/230V 60Hz
#HS900-36D .... Prop 36" Galvanized 3 Blade 0.625" Shaft OD
#HSCS-002...Cord SJ 14/3 9' 220 V
#WS-36A-5 .... Wire Mesh Guard, 36"

48" Box Fan Replacement Parts

#N9028 .... Motor, 1 Hp 850 RPM 230V 60Hz
#HS900-48A .... Prop 48" Galvanized 3 Blade 0.625" Shaft OD
#HSCS-002...Cord SJ 14/3 9' 220 V
#WS-48403 .... Wire Mesh Guard, 48"

*For OSHA compliant guards, contact your local Hog Slat representative.

Windstorm Circulation Fans

- Wide spacing reduces the performance-robbing buildup of debris & feathers on the fan guard.
- Complete with pre-wired 10' cord for 115 volt. The motor can be rewired for 230 volts.
- Totally enclosed motor with built-in three (18") or two (20" & 24") speed control

WS-18C3 18" Circulation Fan 3-Speed

• AIR DELIVERY

Airflow*	5250/4850/4300
Bess Test Number	c19595

• SPECS

Motor size	1/5
Voltage	120
Speed	3
Amps	.92/.85/.79
Rpm	1550/1350/1250
Frequency (Hz)	60
Speed Controller Included:	Manual 3-sp
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	16

WS-20C2 20" Circulation Fan 2-Speed
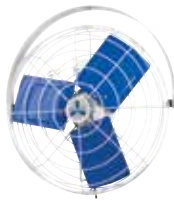
• AIR DELIVERY

Airflow*	5600/4700

• SPECS

Motor size	1/11
Voltage	120
Speed	2
Amps	1.3/1.13
Rpm	1500/1250
Frequency (Hz)	60
Speed Controller Included:	Manual 2-sp
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	18

WS- 24C2 36" Circulation Fan 2-Speed
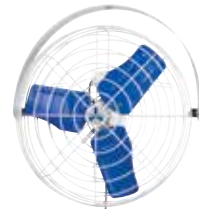
• AIR DELIVERY

Airflow*	6350/5500

• SPECS

Motor size	1/7
Voltage	120
Speed	2
Amps	1.3/1.23
Rpm	1100/950
Frequency (Hz)	60
Speed Controller Included:	Manual 2-sp
Inverter Compatible:	No
Cord Included:	Yes, 120 V, pre-wired
Cord Length:	10'
Mount Style:	Ceiling/wall
Mount Included:	Pre-installed
Guard Spacing (in):	2"
Product Weight (lb):	24

Windstorm Stir Fans

- Heavy galvanized ceiling mount bracket tilts to adjust airflow direction.
- Totally enclosed variable speed motor pairs with most speed controls (sold separately) to vary air delivery.
- 115/230 Volt motor. Pre-wired cord not included.

WS-20CV 20" Stir Fan Variable Speed

• AIR DELIVERY

Airflow* (thrust cfm)	3370
Efficiency* (thrust cfm/W)	11.7
5xD Centerline Velocity (fpm)	1050
Bess Test Number	c20186

• SPECS

Motor size	1/3 Hp
Voltage	115/230
Speed	Single/variable
Amps	3.8/1.9
Rpm	1700
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	36

WS-24CV 24" Stir Fan Variable Speed

• AIR DELIVERY

Airflow* (thrust cfm)	5200
Efficiency* (thrust cfm/W)	12.1
5xD Centerline Velocity (fpm)	1190
Bess Test Number	c20187

• SPECS

Motor size	1/2 Hp
Voltage	115/230
Speed	Single/variable
Amps	4.8/2.4
Rpm	1725
Frequency (Hz)	60/50
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	47

WS-36CV 36" Stir Fan Variable Speed

• AIR DELIVERY

Airflow* (thrust cfm)	9800
Efficiency* (thrust cfm/W)	19
5xD Centerline Velocity (fpm)	1040
Bess Test Number	c20248

• SPECS

Motor size	1/2 Hp
Voltage	115/230
Speed	Single/variable
Amps	6.0/3.0
Rpm	825
Frequency (Hz)	60/50
Speed Controller Included:	No
Cord Included:	No
Cord Length:	N/A
Mount Style:	Ceiling
Mount Included:	Yes
Guard Spacing (in):	1/2
Product Weight (lb):	65

PVC Fan Shutters

- Low maintenance
- PVC vanes with true airfoil design
- Heavy PVC frame with reinforced corners
- 1″ flange
- Many sizes available
- Spring steel galvanized rods extended entire length of the shutter with unique lock down ends

Rough Opening A

Rough Opening B

Order a Shutter with an 'A' dimension 1/4″ less than the fan's Rough Opening A

Order a Shutter with a 'B' dimension 1/4″ less than the fan's Rough Opening B

1″ mounting flange
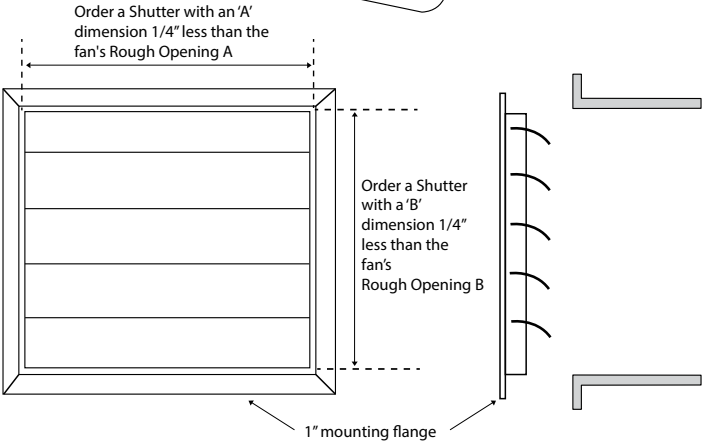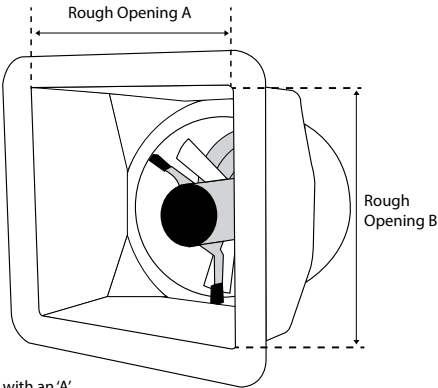
We build custom sizes!
Call us at 800-949-4647 with a fan rough opening size.

Item#	Color	Size (A x B)
10105	White	14″ x 14″
10106	White	15″ x 15″
10106-1	White	15-/8″ x 15-1/8″
10107	White	16″ x 16″
10107-5	White	16-1/2″ x 16-1/2″
10108	White	17″ x 17″
101081	White	17-1/2″ x 17-1/2″
10109	White	18″ x 18″
10109-1	White	18-1/8″ x 18-1/8″
10109-3	White	18-3/8″ x 18-3/8″
10110A	White	19″ x 19″
10111	White	20″ x 20″
10112	White	21″ x 21″
10112-3	White	21-3/8″ x 21-3/8″
10112-5	White	21-1/2″ x 21-1/2″
10112-6	White	21-5/8″ x 21-5/8″
10113	White	22″ x 22″
10113-5	White	22-1/2″ x 22-1/2″
10115	White	24″ x 24″
10115-3	White	24-3/8″ x 24-3/8″
10115-5	White	24-1/2″ x 24-1/2″
10116	White	25″ x 25″
10116-8	White	25-7/8″ x 25-7/8″
10117	White	26″ x 26″
10118	White	27″ x 27″
10118-3	White	27-3/8″ x 27-3/8″
10118-5	White	27-1/2″ x 27-1/2″
10118-6	White	27-5/8″ x 27-5/8″
10118-75	White	27-3/4″ x 27-3/4″
10119	White	28″ x 28″
101192	White	30″ x 30″
101195	White	33″ x 33″
101195-5	White	33-1/2″ x 33-1/2″
101196	White	34″ x 34″
101196-5	White	34-1/2″ x 34-1/2″
101198	White	36″ x 36″
101198-3	White	36-3/8″ x 36-3/8″

Item#	Color	Size (A x B)
101199	White	37″ x 37″
101202	White	39″ x 39″
101202-5	White	39-1/2″ x 39-1/2″
101203-1	White	41″ x 41″
101203-1-6	White	41-5/8″ x 41-5/8″
101203-1-8	White	41-7/8″ x 41-7/8″
101204	White	42″ x 42″
101204-5	White	42-1/2″ x 42-1/2″
101205	White	44″ x 44″
101207	White	48″ x 48″
101208-1-0	White	51″ x 51″
101208-1-1	White	51-1/8″ x 51-1/8″
101209-1-8	White	53-7/8″ x 53-7/8″
101210-4	White	54″ x 54″
101210-1	White	54-1/8″ x 54-1/8″
101210	Black	54-1/8″ x 54-1/8″
10211-1	White	55″ x 56-1/2″
10211-2	White	55-1/8″ x 56-3/4″
101212	White	58″ x 58″

Insulated Shutter Covers

AIC36 .... 41-7/8″ X 41-7/8″ cover For 36″ Fan
AIC48 .... 53-7/8″ X 53-7/8″ cover For 48″ Fan

Clip Retainer Shutter

HSH020 .... Clip Retainer Shutter

GrowerSELECT®

Replacement Fan Motors for GrowerSELECT AirStorm and Airstream Performer Fans

- Removable plastic motor cap protects internal capacitor and provides access to wiring terminals.
- Water slinger protects moisture from being forced past the double bearings while fan is operating.
- Full 56 Frame motors with 5/8" interior shaft and double sealed ball bearings.
- You don't have to sacrifice performance to save money!

Item#	Hp	RPM	Voltage	*AP OEM Part #	Fan Size
#HS9028KIT†	1/6	3300	115/230	15-0145	8" & 10"
#HS9007	1/4	1725	115/230	15-0109	14"
#HS9008	1/3	1725	115/230	15-0110	18"
#HS9006A	1/3	1075	115/230	15-0105	24"
#HS9009A	1/2	850	115/230	15-0116	36"

†Single Speed • *Use of Original Equipment Manufacturer part numbers is for reference only.

GrowerSELECT®

Replacement Motors for Munters / Aerotech Fans

Item#	Hp	RPM	Voltage	*Aerotech OEM #	Fan Size
#HS9031†	1/6	3250	120/240	FM1038	9"
#HS9003	1/8	1625	120/240	FM1010	14"
#HS9002	1/3	1625	120/240	FM1009	18"
#HS9001A	1/3	1075	120/240	FM1008	24"

†Single Speed • *Use of Original Equipment Manufacturer part numbers is for reference only.

GrowerSELECT®

Single Speed Fan Motors

- TEAO motors
- Permanently lubricated ball bearing
- Dual start/run capacitors
- 5/8" Shaft
- Auto Overload

Item#	RPM	Hp	Frame	Voltage	Amps	Use
#HS9005A	850	1/2	48	115/230	6.6/3.3	Direct Drive, 36"
#HS9015A	1725	1/2	56	115/208-230	5.3/2.6-2.6	Belt Drive, 36"
#HS9010A	1725	1	56	115/208-230	11.2/6.0-5.6	Belt Drive, 48"–50"
#HS9000	1725	1	56	115/208-230	8.6/4.9/4.3	Belt Drive, 48"–50" (High S.F. 1.4 Motor**)
#HS9019A	1725	1-1/2	56	115/208-230	13.4/ 6.7-6.7	Belt Drive, 52"–54"
#HS9014C	1725	1-1/2	56	115/208-230	10.8/5.4	Belt Drive, 52"–54" (High S.F. 1.5 Motor**)

**SF = Service Factor.

GroBelt

DRIVE BELTS — HOG SLAT

- **Built of WEAR RESISTANT high modulus compression rubber.**
- **Embedded with LOW STRETCH polyester fiber cable cords.**
- **Neoprene outer ply to PREVENT SLIPPAGE.**
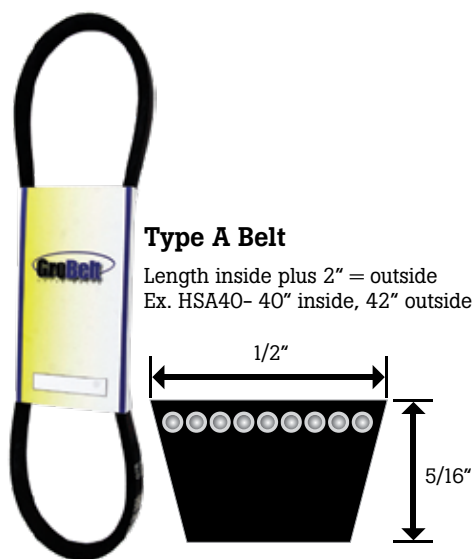
Type A Belt
Length inside plus 2" = outside
Ex. HSA40- 40" inside, 42" outside

1/2"
5/16"

Type AX Cogged Belt
Length inside plus 2" = outside
Ex. HSX40- 40" inside, 42" outside

1/2"
5/16"
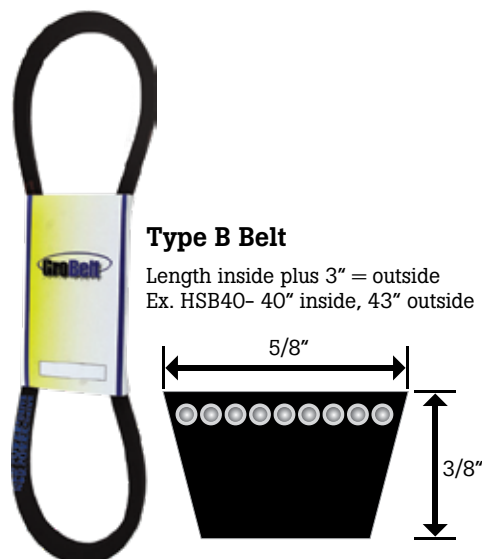
Type B Belt
Length inside plus 3" = outside
Ex. HSB40- 40" inside, 43" outside

5/8"
3/8"

Type A Belt	
#HSA20	1/2" x 22" Standard
#HSA21	1/2" x 23" Standard
#HSA23	1/2" x 25" Standard
#HSA24	1/2" x 26" Standard
#HSA26	1/2" x 26" Standard
#HSA28	1/2" x 30" Standard
#HSA29	1/2" x 31" Standard
#HSA30	1/2" x 32" Standard
#HSA31	1/2" x 33" Standard
#HSA32	1/2" x 34" Standard
#HSA33	1/2" x 35" Standard
#HSA34	1/2" x 36" Standard
#HSA35	1/2" x 37" Standard
#HSA36	1/2" x 38" Standard
#HSA37	1/2" x 39" Standard
#HSA38	1/2" x 40" Standard
#HSA39	1/2" x 41" Standard
#HSA41	1/2" x 43" Standard
#HSA42	1/2" x 44" Standard

Type A Belt	
#HSA43	1/2" x 45" Standard
#HSA44	1/2" x 46" Standard
#HSA45	1/2" x 47" Standard
#HSA46	1/2" x 48" Standard
#HSA47K	1/2" x 49" Kevlar
#HSA48	1/2" x 50" Standard
#HSA49	1/2" x 51" Standard
#HSA51	1/2" x 53" Standard
#HSA53	1/2" x 55" Standard
#HSA54K	1/2" x 56" Kevlar
#HSA55	1/2" x 57" Standard
#HSA56	1/2" x 58" Standard
#HSA57	1/2" x 59" Standard
#HSA58	1/2" x 60" Standard
#HSA59	1/2" x 61" Standard
#HSA61	1/2" x 63" Standard
#HSA65	1/2" x 67" Standard
#HSA71	1/2" x 73" Standard
#HSA73	1/2" x 75" Standard

Type A Belt	
#HSA75	1/2" x 77" Standard
#HSA88	1/2" x 90" Standard

Type Ax cogged Belt	
#HSAX31	1/2" x 33" Cogged
#HSAX38	1/2" x 40" Cogged
#HSAX39	1/2" x 41" Cogged
#HSAX43	1/2" x 45" Cogged
#HSAX46	1/2" x 48" Cogged
#HSAX56	1/2" x 58" Cogged
#HSAX59	1/2" x 61" Cogged
#HSAX60	1/2" x 62" Cogged
#HSAX64	1/2" x 66" Cogged

Type B Belt	
#HSB35	5/8" x 38" Standard
#HSB38	5/8" x 41" Standard

POWERTWIST® Drive V–Belts
You'll always have the right size replacement belt on hand with the POWERTWIST V-Belts. Simply remove a link and adjust the size to fit. Constructed of polyurethane elastomers reinforced with polyester fabric. POWERTWIST belts will out perform conventional rubber belts in harsh conditions.

#AFH2053	1/2" belt, ft.
#AFH2053-5	5' length
#AFH2053-25	25' length

Accu-Link® Adjustable Link V-Belts
Accu_Link® snap–twist-assembly, requiring no tools, means quick replacement of any existing fan belt. Accu-Link belts are constructed from strong polyester fabric with a durable urethane coating.

#52682	1/2" belt, ft.
#52682-5	5' length
#52682-25	25' length

Laser Fan Pulley Alignment Kit
Two-piece kit packaged in plastic storage case. Target piece also contains a pulley groove gauge to quickly check pulley wear

#HS783 .... Laser Fan Pulley Alignment Kit
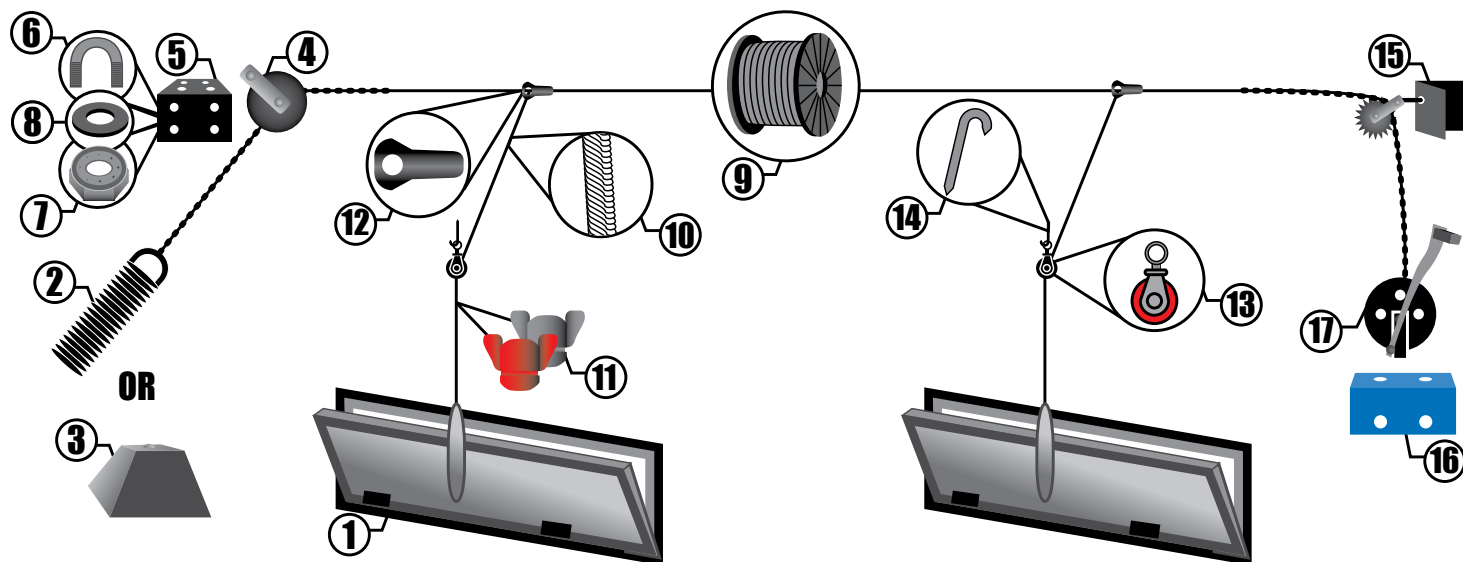
1. Galvanized Vent Door
Many sizes available!

2. Spring
#597093...160 lb. tension

3. Counter Weight
• 25 pound
#NC61752..Counter Weight

4. Needle Bearing Pulley
• 3.5 inch
#HSH001.............................Needle Bearing Pulley

5. 3" x 3" Pulley Bracket
#61745...**Pulley Bracket**

6. 5/16" U-bolt
#60649...U–Bolt

7. 5/16" Nylock
#60681...Nylock

8. 5/16" Washer
#60580...Washer

9. 1/8" Galvanized Cable
#61726....................................$Galvanized Cable

10. 1/8" Polyester Cord w/Wax
#61724D...1000' roll

11. Plastic Curtain Nut
*color may vary
#HSH032 .... 1/8"
#HSH027..3/16"

12. 1/8" Stacon
#61800..Stacon

13. 7/8" Nylon Pulley
• with zinc swivel housing
#HSH002 .... 7/8", zinc housing

14. J-Nail
• 96 per pound
#80543...J-Nail

15. Chain & Sprocket Corner Kit
#HSH006 .... Corner Kit

16. Winch Bracket
#HSH074.........................4" x 4" x 5" long, painted

17. Winch
#DL61737 .... 1400lb w/ Handle 2-way Ratchet Zinc
#HSH067 ....1200 LBS. HB-12M

Adjust-A-Baffle

- 1" polystyrene with fiberglass coating
- Flexible PVC hinge
- Available in 8", 12", 16", 18", 20" and 24" widths
- 8' sections

How to order your Adjust-A-Baffle:

1. Order Baffle and Hinge separately (must order in 65' lengths):

#GAP-1896	1" x 8" x 96"
#GAP-11296	1" x 12" x 96"
#GAP-11696	1" x 16" x 96"

2. Order Baffle and Hinge separately (must order in 65' lengths)

#GAP-WS65	Baffle weather-strip – 65'
#GAP-HS65	Hinge for baffle system – 65'

3. Order S.S. Rod & Clamp package (must order in 100' lengths)

#GRCP-SW-B	100' rod & clamp package

(INCLUDES: 105'-1/8" SS rod; 33-Azium Nuts; 60-3/16" x 1" lag eyebolts; 33-30" polyester lift cords; 33-Nylon fender washers; 40-1/8" Cable Clamps)

4. Order S.S. Cable to connect rod to winch & closure spring

#61739	1/8" stainless steel cable
#617321	1/8" stainless steel cable clamp

5. Order Winch & Hardware

#DL61737	1400 lb. winch w/cable keeper
#61740	L-bracket for winch
#60516	3/8" x 1-1/4" bolt (2 required)
#60682	3/8" lock nut (2 required)
#60670	3/8" x 1-1/2" flat fender washer (2 required)

6. Order Corner Pulleys (one for Winch, one for Spring Return End)

#HSH001	3-1/2" needle bearing pulley
#61744	Pulley bracket
#60649	1" x 2-1/2" x 5/16" U-bolt
#60681	5/16" lock nut

7. Order Baffle Return Spring (takes place of counter weight)

#HS17110	Baffle return spring

Actuated Plastic Ceiling Inlet

Pre-mounted actuation pulleys for simple and consistent installation. Single rod actuation. Durable corrugated plastic insulation stop. End panels designed to prevent air discharge from the ends of the inlet. A unique aerodynamic discharge orifice provides improved efficiency and air speed while routing condensation away from the air stream to prevent freeze up. Improved performance at a horizontal airflow to prevent drafting of pigs.

Item#	Air @ .10 SP	Framed Opening
#GACI-4000P2	4000 CFM	19" W x 46.5" L
#GACI-2500P2	2500 CFM	19" W x 27" L

Jet Ventilation Ag Roof Vent

Revolutionary, patented design, maximized Jet technology. Four directional louvers direct air along the ceiling and hold air up longer while mixing with room air and distributing it evenly. Features patented inlet design. Creates less draft and chilling and is engineered to allow more CFM through inlet than a C2000. TopJet inlets operate at higher static pressure for better air mixing. The snap-together design allows for minimal worksite waste. Rated at 1,812 cfm at .125 sp. Patent No. 6,475,078

Call for special pricing for large quantities and installation quotes!

#DL90640 .... Jet Ventilation Ag Roof Vent

Ceiling Air Inlet

- Laminated baffle to prevent damage during cleaning
- Plastic housing with stainless steel insert
- Adjustable locking lever allows the unit to be shut off or restricted

#GCAI-1000CW	1125 CFM w/ 17" x 17" R.O.
#GCAI-2700CW	3128 CFM w/ 25" x 25" R.O.

Munters Attic Inlet

- Aerodynamic frame and door design for precise control
- Unique constant force springs provide easy adjustment of static pressure
- Doors close tightly to prevent attic condensation
- Stainless steel door hinges for high durability
- Integrated door latches are standard • Easy installation
- Models for mechanical or static pressure control of airflow
- Fully recyclable materials • Lower fuel cost
- Drier room environment • Improved air quality

#ABI28SP-01	Static pressure activated
#ABI28SPM-01	Mechanically actuated

Double L 360° Insulated Attic Inlets

#AC3010

#GC1140

360° Airflow Attic Inlets direct tempered air evenly along the ceiling in all directions, resulting in uniform temperatures throughout room. Removable bottom lid for easy cleaning and installation.

#GC1140 Gravity Flow: 2,048 cfm @ 0.15 static pressure. New Rough Opening – 23.75" x 23.75". Patent Pending.
#AC3010 Actuated: 2,518 cfm @ 0.15 static pressure. New Rough Opening – 23.75" x 23.75". Patent Pending.

#GC1140	Gravity Flow 4 Way Insulated Attic Inlet
#AC3010	Actuated 4 Way Insulated Attic Inlet

4-Way Ceiling Diffuser

Traditional four-way negative pressure ceiling inlet. Quad inlet is made of UV stabilized polystyrene. The quad inlet is assembled from four single directional inlets, PVC mounting frame, 18-inch attic sleeve, and one-inch polystyrene insulation board. Single directional inlets are manually adjusted to direct air along the ceiling, towards the floor or closed. During minimum ventilation the quad inlet will deliver 500 crm at 0.05 in of water. Overall Size: 31" x 31" 9" Packaging: Unassembled. Rough Opening: 27 7/8" x 27 7/8"

#HSI2000	4-way Inlet
#HSI200	Single Sidewall Inlet
#HSI204	Housing
#HSI202	Insulation Stop
#HSI203	Insulation Board
#HSI205	Blade Top
#HSI206	Blade Bottom
#HSI207	Pin Pivot for Top Blade
#HSI208	Pin Pivot for Bottom Blade
#6088611	Screw 1" Self Tapping

tego Tunnel Doors

Exclusively from Hog Slat!

Typical tunnel curtain
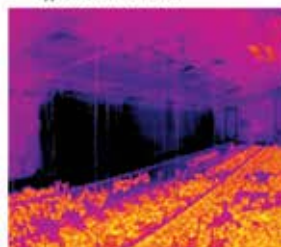
TEGO tunnel door system

"Supplied by UGA Agricultural Engineering Department"
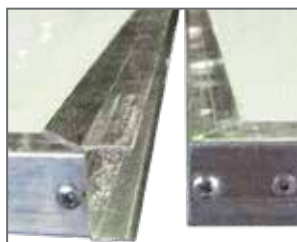
Hinge System

Innovative offset hinge seals tight but allows door to move away from the wall as it opens to prevent dust and debris accumulation in the bottom of the panel.

1" or 1-1/2" Panel

Available in 1" (R-7) or 1-1/2" (R-9) panel with aluminum skin and structural supports.

C-Lock Panel

Integrated C-Lock panel connection eliminates the need for additional tools or fasteners.

Choice of Attachments

Choose from tension loaded brackets or low profile plastic nut connectors.

NUMEROUS SIZES AVAILABLE!

#TD48X30B-NHEB.................................. Door Tunnel 48" T X 30" W Black/Black No Hole/No Reblock EB
#TD48X48B-NHEB.................................. Door Tunnel 48" T X 48" W Black/Black No Hole/No Reblock EB
#TD48X60B-NHEB.................................. Door Tunnel 48" T X 60" W Black/Black No Hole/No Reblock EB
#TD60X30B-NHEB.............................. Door Tunnel 60" Tl X 30" W Black/Black No Hole/No Reblock EB
#TD60X36B-NHEB..................................Door Tunnel 60" TX36" WBlack/Black No Holes/No Reblock EB
#TD60X48B-NHEB.................................. Door Tunnel 60" Tall X 48" Black/Black No Hole/No Reblock EB
#TD850.. Seal Tunnel Door Flat Sold by Foot

▶ **See It In Action!**
YouTube:
Tego Tunnel Door

#FABTEX160X72

FabTex®

The Super Clear coating allows the most light transmission of any high weight curtain in the market. Durable PVC material remains flexible even during cold temperatures.

Item#	Net Size	Weight (oz.)	Color	Hems
FABTEX160X60	57"	17	Super Clear	1
FABTEX160-6	60"	17	Super Clear	1
FABTEX160X72	69"	17	Super Clear	1
FABTEX160-7	60"	17	Super Clear	1–2 pockets
FABTEX160-9	91"	17	Super Clear	1–2 pockets

#CI7L5

Insulated Curtain

6-ply insulated curtain with a compressed R-4 rating. Sewn every 4" to prevent insulation sag and to allow the curtain to fold more evenly when opening.

Item#	Net Size	Weight (oz.)	Color	Hems
CI7L2	24"	NA	Gray/ White	1
CI7L3	36"	NA	Gray/White	1
CI7L5	60"	NA	Gray/White	1
R62X66	66"	NA	Gray/White	1
CI7L6	72"	NA	Gray/White	1
CI7L7	84"	NA	Gray/White	1

#61686

#522471

Polylite®

Choose from Polylite® Super with 10x10 weave or the costing saving Poly Econo with a 9x9 weave. Also available in light blocking Black/White Premium option.

Item#	Net Size	Weight (oz.)	Color	Hems
• Polylite® Super				
61686-14	18"	4.2	Clear	1
61686-33	21"	4.2	Clear	1
61685	57"	4.2	Clear	1
61686	69"	4.2	Clear	1
61687	81"	4.2	Clear	1
61692	66"	4.2	Clear	2
61693	78"	4.2	Clear	2
61686-37	73"	4.2	Clear	1–2 pockets
• Polylite® Econco				
61686EC	69"	4.3	Clear	1
61687EC	81"	4.3	Clear	1
• Black/ White Premium				
522471	21"	6	B/W	1
616853	57"	6	B/W	1
616865	69"	6	B/W	1
BWP701	81"	6	B/W	1
• Specialty Curtains				
61840	91"	10	White-Vinyl	1–5 pockets
61673B3	94"	13	Clear Frosty Vinyl	1–2 pockets

Vinyl Glue

- Super-Strong, waterproof, flexible bonds to vinyl coated and vinyl laminated fabrics
- Highly resistant to temperature and weather extremes
- Excellent for Patching and Sealing

#1003.. 8 oz. can
#6719 ....1 qt. can

CPro Poly Patch

- Adhesive used to repair Polylite Curtains

#61719-V .... 1qt.

Curtain & TriPly Celing Repair Tape

#61571 .... Polylite curtain tape – 3" x 60' roll (clear)
#61570.....................White curtain tape – 150' Roll
#61571BW ....Polylite black & white 3" x 60' roll
#844192 .... White tri ply repair tape (ceiling)
#844193 .... Black tri ply repair tape (ceiling)
#61571B....................... Curtain Tape Black 3" x 60'
#61570................. Herculite White Curtain Tape - 150' roll

#PCP1866W

Front   **Back**

#61892L

Curtain Pockets

#61892L ....18" x 66" Left pocket, Fiberglass
#61892R ....18" x 66" Right pocket, Fiberglass
#61890L ....24" x 84" Left pocket, Fiberglass
#61890R ....24" x 84" Right pocket, Fiberglass
#61895.........................23" x 72" Large, Fiberglass
#61896.......................... 14" x 72" Small, Fiberglass
#PCP1866A....................18" x 66" White poly, pair
#PCP1884A....................18" x 84" White poly, pair
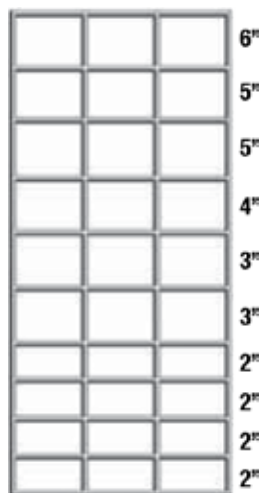
Welded Hog Panel

- Constructed of .225 dia wire with 8" vertical spacing. Welded before galvanizing.

#80641 ....34" x 16' galv. welded hog panel
#80647 ... Horse panel, 2' x 16' 4 Gauge, 2 x 4 Spacing

Stainless Steel Curtain Pockets

- 304 Stainless Steel
- 18 gauge

#8410961500 .... Curtain pocket left 18" x 96"
#8410971500 ....Curtain pocket right 18" x 96"
#8420011500 .... Curtain pocket left 18" x 66"
#8420031500 ....Curtain pocket right 18" x 66"

VCS Curtain System

- Minimizes rodent nesting problems
- Visual appearance improvement
- Easy Clean-Up
- Extended life compared to previous method of closure
- Design ease for future replacement or repairs
- Easy 4-step installation

#61849............................ 18' sections w/hardware
#61894..Curtain pockets
#617256 ....Cord With Beads

Plastic Coated Poultry Wire

- PVC galvanized 20 gauge wire with 1-inch hex opening

#80580-1PW..PVC Coated 5' x 150' 3/4" Hex
#80580PW...PVC Coated 5' x 150'
#80581-1PW..PVC Coated 6' x 150' 3/4" Hex
#80581PW...PVC Coated 6' x 150'

Counter Weights

A) #NC61752.....................................25 lb. concrete
B) #NC61751A.......... 4-1/4" diameter, 12 lbs, PVC
C) #HS917-416 ......2" solid metal, 17" long, 15 lbs

Curtain Brackets

- Fits 66" curtain
- Space every 4'
- Constructed of 1/4" x 1" powder-coated metal

#8010790100..5' 8" curtain bracket painted
#8010690100.............................7' 3-1/2" curtain bracket end wall
#8010450100...................4'6" curtain bracket w/ 5" angle, Painted

Plastic Bird Netting

- 330'/roll

#TNX60020409.......................6.5' x 330' Mesh Size .87" x 1.38" CintoFlex D
#TNX60032409.......................6.5' x 330' Mesh Size .51" x .59" CintoFlex E
#TNX60033409...........................4' x 330' Mesh Size .51" x .59" CintoFlex E
#TNX60045409..........................5' x 330' Mesh Size .71" x .98" CintoFlex M
#TNX60050409.......................6.5' x 330' Mesh Size .71" x .98" CintoFlex M
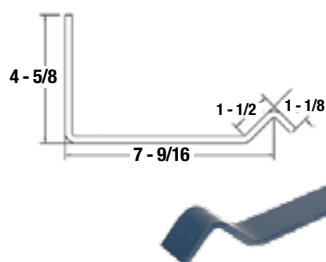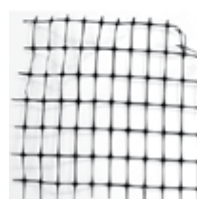
Bracket for Curtain

- Extended

#8050680100 ....Backet for Curtain

4 - 5/8
1 - 1/2
1 - 1/8
7 - 9/16
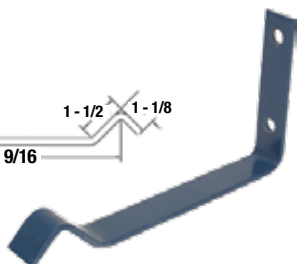
Square Tack Nail

- Galvanized double dipped

#805421.................... 1-1/2" long, galv, square 64/ lb
#855ARZ.................... 1" long, galv round head 74/ lb
#805420 .... 1-1/4" long, plastic cap 286/lb
#SWSSCN150............................. 1-1/2" metal cap
#SWSSCN250 .... 2-1/2" metal cap

Fence Staples

#84548G ....2" Fence Staple
#80549.................................3/4" Bird Wire Staples

Batten Strips

Use to fasten bottom of curtain to building, does not crack or rot like wood.
#84588............... 8' x 1-3/4" aluminum batten strip

Black Poly Strapping

- 1-3/4" wide x 300' roll

#61572.... Black poly strapping, 1-3/4" x 300' roll

Retainer Strap

- 2" wide X 300' roll

#TS102925 ....Retainer strap for curtain

Standard Polyester Cord

- Low stretch.
- UV resistant.
- Abrasion resistant.

#61724.. 1/8" x 1000'
#61724-500.. 1/8" x 500'
#61725..3/6'X 1000'
#61725-500...3/16" x 500'

Black Poly Rope

#61806 ....1/4" black poly rope - 1000'
#HB1024 ....3/16" black poly rope - 1000'

Cup Hook Driver

Driver holds cuphooks in place allowing for single-handed placement. After insertion, cuphook is released with a simple pivot of the tool. Also excellent for removing existing cuphooks safely. Fits drills with 1/2" chuck.

#HB6008................................Cup and Hook Driver

❶ ❷ ❸ ❹ ❺ ❻ ❼
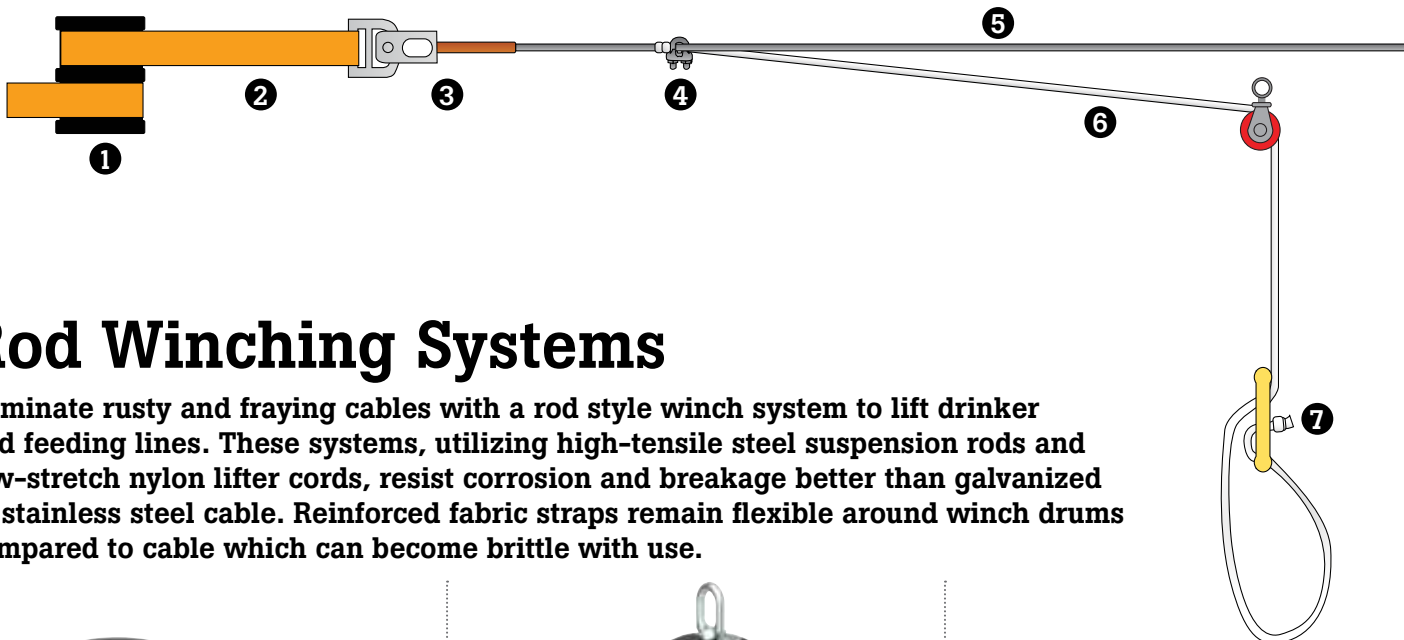
Rod Winching Systems

Eliminate rusty and fraying cables with a rod style winch system to lift drinker and feeding lines. These systems, utilizing high–tensile steel suspension rods and low–stretch nylon lifter cords, resist corrosion and breakage better than galvanized or stainless steel cable. Reinforced fabric straps remain flexible around winch drums compared to cable which can become brittle with use.

1) Manual WindLift Winch

- 5000 lb. capacity
- 90:1 ratio
- 2" diameter spilt reel
- Cable capacity: 64' of 3/16" cable
- Pre-drilled and tapped to accept strap kit
- Black epoxy finish

#HSW03...........................Manual WindLift Winch

Electric Ceiling Winch with control

- 5000 lb. capacity
- Prewired 3/4 hp, 120V motor
- 2 ft/ min lift speed
- 2" diameter spilt reel
- 9' power cord
- 9' controller cord

#24051...........Electric Ceiling Winch with control

Electric Winch Control for Motor Ready Winch

- Pre-wired up/down switch
- Simple wiring design
- Includes 12' cord

#AMT240486.....................Electric Winch Control

2) Strap Kit with Bolt

#HSH051
#HSH050

#HSH055 ....5000 lb. (pair)
#HSH050 ....Strap Bolt only for HSH055
#HSH056 ....2000 lb. (pair)
#HSH051 ....Strap Bolt only for HSH056
#24055...............Swivel Kit For Windlift Strap Kit
#AMT251403.......3' x 1/4" Sling rope w/thimbles
#AMT251425.....25' x 1/4' Sling rope w/thimbles

3) Clevis

#HSH053 .... Dead-end clevis for 1/8" rod
#HSH054 .... Dead–end clevis for 3/16" rod
#AMT17073 ....Auto locking clevis for 1/8" rod
#AMT17072 ....Auto locking clevis for 3/16" rod

4) Galvanized Cable Clamps, Aluminum Button Stops

#61732...1/8"
#61733..3/16"
#HSH064 ....Button Stop Aluminum 1/8''
#HSH066 .... Button Stop Aluminum 3/16"

5) Suspension Rod

#HSH17060-0390......................... 1/8" x 390' Roll
#HSH17060-0490......................... 1/8" x 490' Roll
#HSH17060-590 .... 1/8" x 590' Roll
#HSH17061-0390 .... 3/16" x 390' Roll
#HSH17061-0490 .... 3/16" x 490' Roll
#HSH17061-0590 .... 3/16" x 590' Roll

6) Premium Diamond Braid Cord w/ Wax

#61724D ....1/8" x 1000'
#61724D-500 ....1/8" x 500'
#61725D ....3/16" X 1000'
#61725D-500 ....3/16" X 500'
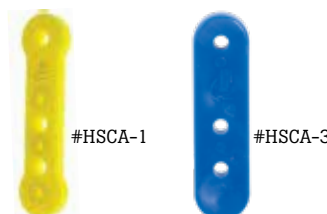
7) Rope Adjuster

#HSCA-1   #HSCA-3

#HSCA-1 ....Feed Line Drop Cord Adjuster
#HSCA-3 ....Heavy Duty Cord Adjuster
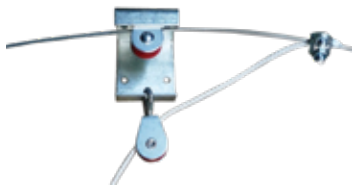
Bracket With Dual Pulleys

This bracket has two pulleys. One pulley can be used to guide the main cable or rod and the other pulley can be used to guide the opening and closing of the vent doors. The bracket should be secured to the wall with two wood screws (not provided).

• Rated Capacity: 132
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Red Nylon

#HSH041 ....Bracket with Dual Pulleys

Chain & Sprocket Corner Kit

• Rated Capacity: 2200
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Black Steel Spocket
• Bearings: Needle

#HSH006 ....Chain Sprocket Corner Kit
#52155-1 ....Bracket only
#HB3003................................Sprocket pulley only

Corner Bracket

• 3/16" thick painted steel brackets
• 15" long x 4-1/2" tall legs
• Shown with HSH001 corner pulley (not included)

#617431 ....Large Corner Bracket
#60649..U-bolt
#60692...Lock nut

Conduit & Curtain Pipe

#61720...................1/2" x 10' galv. w/crimped end
#10802..Rebar 3-3/8" x 10'
#60340.................Pipe 1/2" x 21' galv. w/end coupling

Cup Hook

#60665...1/4" x 3-1/2"
#606655 ....1/4 x 3-1/2" - SS

Screw Hook

#HSH049 ....3/8" x 4" zinc

1-3/8" Stainless Steel Split Pulley

• Rated Capacity: 660
• Bracket Material: 12 ga G90 Galv.
• Sheave Material: White nylon

#HSH010 ....1-3/8" SS Split Pulley

1-7/8" Galvanized Swivel Pulley

• Rated Capacity: 220
• Bracket Material: 12ga, G90 Galv.
• Sheave Material: Red Nylon

#HSH004 ....1-7/8" Galv. Swivel Pulley

7/8" Galvanized Swivel Pulley

• Rated Capacity: 132
• Bracket Material: 18 ga G90 Galv.
• Sheave Material: White nylon

#HSH002 ....7/8" Galv Swivel Pulley

3-1/2" Thru-Wall Pulley

• Rated Capacity: 3000
• Bracket Material: 8 ga G90 Galv
• Sheave Material: Cast iron
• Bearings: Sealed Bearings

#HSH009 ....3-1/2" Thru-Wall Pulley

7/8" Galvanized Swivel Pulley

• Rated Capacity: 2200
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Cast iron
• Bearings: Needle

#HSH040 ....4-1/2" Corner Pulley

3-1/2" Horizontal Pulley

• Rated Capacity: 2,000
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Red Fiberglass

#HSH042 ....3-1/2" Horizontal Pulley

3-1/2" Double Back Pulley

• Rated Capacity: 4,000
• Bracket Material: 12ga, G90 Galv.
• Sheave Material: Red Cast Iron

#HSH071 ....3-1/2" Double Back Pulley

J-Nail

#80543............... 1-3/4", galvanized dbl. dipped, 61/lb

1-3/4" Galvanized Split Pulley

• Rated Capacity: 660
• Bracket Material: 12 ga G90 Galv.
• Sheave Material: Red reinforced nylon

#HSH005 ....1-3/4" Galv. Split Pulley

7/8" Stainless Steel Swivel Pulley

• Rated Capacity: 132
• Bracket Material: 18 ga Stainless Steel
• Sheave Material: Red nylon

#HSH003 ....7/8" S.S. Swivel Pulley

1-1/2" Galvanized Split Pulley

• Rated Capacity: 2000
• Bracket Material: 12 ga G90 Galv.
• Sheave Material: Galv. Steel

#HSH008 ....1-1/2" Galv, Split Pulley
#521531................................. 1-1/2" SS Split Pulley

2-1/2" Thru-Wall Pulley

• Rated Capacity: 880
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Steel

#61749...............................2-1/2" Thru-Wall Pulley

Horizontal Bracket with Chain Sprocket

• Rated Capacity: 2000
• Bracket Material: 11 ga G90 Gal
• Sheave Material: Plated steel
• Bearings: Sealed Bearings

#HSH043 ....Horizontal Chain Sprocket

3-1/2" Enclosed Single Block Pulley

• Rated Capacity: 2,000
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Red Fiberglass

#HSH039 ..... 3-1/2" Enclosed Single Block Pulley

2-1/2" Corner Pulley

• Rated Capacity: 1120
• Bracket Material: 11 ga G90 Galv.
• Sheave Material: Red Fiberglass

#HSH025 ....2-1/2" Corner Pulley

Brackets & Mounting Hardware

#61745...................................3" x 3" Pulley Bracket
#60649..5/16" U-bolt
#60681 ....5/16" Nylock
#60580...5/16" Washer

Cable Cutters

#598820	....	Banana handle, for cable up to 3/16"
#59882	....	Felco For cable up to 3/16"
#HSH059	....	For cable up to 3/16"
#598821	....	Heavy Duty, replaceable blades, for cables up to 1/4"
#AMTC9BLADE	....	Replacement blades for #598821, price per blade, need two per tool
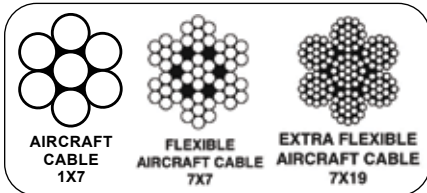
Aircraft Cable

Stainless Steel

Item#	Size	Dia.	Breaking Strength
61731	7x7	3/32"	920 lbs.
61739	7x7	1/8"	1,700 lbs.
61739-250	7x7 250'	1/8"	1,700 lbs.
61739-500	7x7 500'	1/8"	1,700 lbs.
61739-1000	7x7 1000'	1/8"	1,700 lbs.
617271	7x19	5/32"	2,400 lbs.
617281	7x19	3/16"	3,700 lbs.
617281-250	7x19 250'	3/16"	3,700 lbs.
617281-500	7x19 500'	3/16"	3,700 lbs.
617281-1000	7x19 1000'	3/16"	3,700 lbs.
61728-1200	7x19 1200'	3/16"	4,200 lbs.
61728-1300	7x19 1300'	3/16"	4,200 lbs.
617291	7x19	1/4"	6,400 lbs.
617276	7x19	5/16"	9,000 lbs.

Galvanized

Item#	Size	Dia.	Breaking Strength
52260	1x7	1/16"	500 lbs.
52260-500	1x7 500'	1/16"	500 lbs.
52260-1000	1x7 1000'	1/16"	500 lbs.
61726	7x7	1/8"	1,700 lbs.
61726-250	7x7 250'	1/8"	1,700 lbs.
61726-500	7x7 500'	1/8"	1,700 lbs.
61726-1000	7x7 1000'	1/8"	1,700 lbs.
617261	7x19	1/8"	2,000 lbs.
61727	7x19	5/32"	2,800 lbs.
61728	7x19	3/16"	4,200 lbs.
61728-250	7x19 250'	3/16"	4,200 lbs.
61728-500	7x19 500'	3/16"	4,200 lbs.
61728-1000	7x19 1000'	3/16"	4,200 lbs.
61729	7x19	1/4"	7,000 lbs.
61729-100	7x19 100'	1/4"	7,000 lbs.

Swagging Tools

#6032619	....	Crimping/Swagging Tool, 18" Red
#AS58471	....	Crimping/Swagging Tool, 24" Red
#59925	....	Swagging Tool Heavy Duty

Plastic Curtain Nut
(color may vary)

#HSH032	....	1/8"
#HSH027	....	3/16"

Aluminum Cable Sleeves & Button Stops

#52286	....	1/16"
#52284	....	1/8"
#52283	....	3/16"
#52285	....	1/8" x 3/16"
#52288	....	3/32"
#522844	....	1/4"
#HSH064	....	1/8" Button Stop
#HSH066	....	3/16" Button Stop
#HBASTOP093	....	3/32" Button Stop
#HB7040	....	5/32" Sleeve

Sta-Kon Crimpers

#HE823015	....	Klein 1005 Red Handle
#10906	....	Economy Crimper

Sta-Kon

#52328	....	1/8" open
#61800	....	1/8" closed
#61810	....	3/16" open

Cable Clamps

#61732	....	1/8" Galvanized
#61733	....	3/16" Galvanized
#61734	....	1/4" Galvanized
#HSH052	....	1/16" Shocker wire clamp
#617321	....	1/8" Stainless Steel
#617331	....	3/16" Stainless Steel

Pro-Tech, Inc. Curtain Minder CM5000D

A knob on the front of the Curtain-Minder controls the delay time for releasing the curtain winches. The delay is adjustable between zero and ten minutes. Zero or near zero allows the operator to test the systems and the curtain winching system quickly. The adjustment also provides the operator the ability to match the transfer time on an automatic standby generator.

- 230 Volt
- Adjustable 0-10 minute time delay
- Alarm output
- Controls up to 4 winch kits
- 12 volt battery

#52208...........................Curtain Minder CM5000D

Pro-Tech, Inc. Winch Kit

#52212..Winch Kit

HOG SLAT® Linear Vent Actuator

*Shown with optional mounting bracket **HS667-01KIT**

Hog Slat's 24" Linear Actuator is designed to be used with automatic ventilation controls. Bi-directional control with a built-in potentiometer feedback for position sensing of inlets with adjustable limit switches. Clamped extension boots and superior motor seals offer improved protection of interior components from dust and water. Includes terminal connection enclosure. Hog Slat's linear actuator has an IP Code (or International Protection Rating) of 65 versus competitive brand's rating of only 53. 50 inlet capacity with a 1:1 ratio. 800 pound max load at a 1:1 ratio.

Item#	Voltage	Travel/Sec.	Housing Color
#HS667-24	120	1/4"	Blue
#HS667-24-240	240	1/4"	Blue
#HS667B-24	120	5/64"	Black
#HS667-01KIT ....Optional 12 ga. galvanized mounting bracket, 10.22" x 51" w/ hdwr			

PowerDrop™

for affordable protection

- Alarm contact for the PowerDrop™ signals an alarm system upon the release of the curtain.
- Switch features stainless steel actuator and watertight construction
- 304 S.S. Construction
- Contacts are normally open or normally closed, rated at 3 amps 250 volts
- Not effected by cold or wet weather
- 5 minute drop delay
- Battery free operation
- Now for Poultry with 2-minute delay

#PD120 .... 120 V, 5 min delay
#PD120P .... 120 V, Poultry, 2 min delay
#PD120A ....120 V, 5 min delay w/ alarm contact
#PD120PA .... 120 V, Poultry, 2 min delay w/ alarm contact
#PD208...208 V, 5 min delay
#PD208P...208 V, Poultry, 2 min delay
#PD208A .... 208 V, 5 min delay w/ alarm contact
#PD208PA.................................208 V, Poultry, 2 min delay w/ alarm contact
#PD240 .... 240 V, 5 min delay
#PD240P ....240 V, Poultry, 2 min delay
#PD240A.. 240 V, 5 min delay w/ alarm contact
#PD240PA ....240 V, Poultry, 2 min delay w/ alarm contact
#PDA ....Alarm kit

Hired Hand Curt-O-Matic

- Automatically drops the side curtains of your confinement house if the power should fail.
- With optional thermostat — Automatically drops the side curtains in the event of high temperature extremes, preventing thousands of dollars in potential loss.
- A huge return for a small investment.
- The best way to insure your investments!

#H6608-0105... 240 V
#H6608-0100...120 V
#H6608-0101 ....Curt-O-Matic Complete with Thermostat 120 V
#H6608-0106.......................Curt-O-Matic Complete with Thermostat 240 V
#H6608-0115 ....Curt-O-Matic with Auxiliary Fan Switch
#H0412-1382 ....Replacement Bi Metal Finger Heating Element
#H6408-1225 ....Replacement Release Arm
#H6408-2228 ...."J" Holder/Hook for Winch
#H6450-1220 ....Hardware Package for Curt-O-Matic

#HSPDTKJ   #HSPDTKC

Replacement Tether Parts for Curtain Drops

#HSPDTKJ..Replacement J-Hook
#HSPDTKC...Replacement Cable

GrowerSELECT

HS583E Curtain/Vent Machine Replacement Parts

Key	Part#	Qty.	Description
1	HS583-34	3	Pulley, Cast 3-1/2", double ball bearings
2	HS583-42	1	Bearing Flange 1" I.D
3	HS583-8-2	1	Load Nut, nylon
	HS583-8-2A		Load Nut Replacement Kit
4	HS583-9	2	Slide, load block
5	HS583-8-1	1	Load block
	HS583-8	1	Kit, Complete Load Block Assembly & Load Nut
6		1	1-1/4" External snap ring, supplied with HS583-8-2A
7	HS583-41	1	Threaded collar, seal thrust bearing nylon
8	HS583-12	1	Thrust bearing, 1" ID, D9
9	HS583-11A24B	1	ACME screw, 24" machine
	HS583-11A36B	1	ACME screw, 36" machine
	HS583-11A48B	1	ACME screw, 48" machine
10	HS613		Spider Gear-spacer Hytrel (white) LO90/LO95
11	LOV38146	1	Coupling Jaw LO95 5/8" bore & keyway
12	HS9050	1	Motor 1/8 HP, 115V AC, 60 Hz, 1.9A FL, 28RPM
	HS9051	1	Motor 1/8 HP 230V AC, 50/60Hz, 0.75/0.90A FL, 24/29 RPM
	HS9052	1	Motor 1/8 HP, 115V AC, 60 Hz, 1.65A FL, 16RPM
	HS9053	1	Motor 1/8HP 115V 60Hz, 1.9A FL, 60RPM
	HS9054	1	Motor 1/8HP 230V 50/60Hz, 0.75/0.90 FL, 60RPM
13	EL1001	1	Switch, Toggle SPDT , 10A @ 250 Volt, CTR OFF
14	EL1005	1	Switch, Toggle DPDT , 10A @ 250 Volt, CTR OFF
15	HS583E-31	1	Switch assembly with (6) EL1135 micro switches for enclosed style only.
16	HS583-46-6	1	Bellows Rubber Limit Rod
17	HSLABEL-008	1	Label, Warning-Shock Hazard
18	HS612	1	Knob, tri-handle, 1/4-20 insert
19	HS583-45	1	Handle, Front door

Key	Part#	Qty.	Description
20	HSLABEL-084	1	Label, "Caution Automatic Equipment"
21	HS583-28	2	Collar, steel 3/8'' w/ set screw
22	HS583-27-24	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
23	HSLABEL-083	2	Label, "Warning Moving Parts"
24	HSLABEL-087	1	Label, "Grease Location"
25	HS583-29	2	Spring, limit rod
26	EL1083	2	Rubber cover, toggle switch

GrowerSELECT

HS583 Curtain/Vent Machine (without enclosed switches)

Key	Part#	Qty.	Description
1	HS583-34	3	Pulley, Cast 3-1/2", double ball bearings
2	HS583-42	1	Bearing Flange 1" I.D
3	HS583-8-2A	1	Load Nut, acetal plastic
4	HS583-9	2	Slide, load block
5	HS583-8	1	Load block assy., load nut, cotter pins
6		1	1-1/4" External snap ring & HS583-8-2
7	HS583-41	2	Threaded collar, seal thrust bearing nylon
8	HS583-12	1	Thrust bearing, 1" ID, D9
9	HS583-11A24	1	ACME screw, 24" machine
	HS583-11A36	1	ACME screw, 36" machine
	HS583-11A48	1	ACME screw, 48" machine
10	HS613	1	Spider Gear-spacer Hytrel (white) LO90/LO95
11	LOV38146	1	Coupling Jaw LO95 5/8" bore w/keyway
12	HS9050	1	Motor 1/8 Hp 115V 60 Hz 30RPM AC
13	HS583-31	1	Switch assy. & (6) EL1135 micro switches
14	EL1001	1	Switch, Toggle SPDT , 10A @ 250 Volt, CTR OFF
15	EL1005	1	Switch, Toggle DPDT , 10A @ 250 Volt, CTR OFF
16	HS612	1	Knob, tri-handle, 1/4-20 insert
17	HS583-45	1	Handle, Front door
18	HSLABEL-084	1	Label, "Caution Automatic Equipment"
19	HSLABEL-083	2	Label, "Warning Moving Parts"
20	HSLABEL-087		Label, "Grease Location"
21	HS583-27-24	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
22	HS583-28	2	Collar, steel 3/8'' w/ set screw
23	HS583-29	2	Spring, limit rod
24	EL1083	2	Rubber cover, toggle switch
25	HSLABEL-008	1	Label, "Warning-Shock Hazard"

![GrowerSELECT logo]

HS583E Curtain/Vent Machine, Sprocket Drive

Key	Part#	Qty.	Description
1	**HS583-44**	2	Sprocket, 13 Tooth #50, w/ Sealed Ball Bearings
2	**HS583-42**	1	Bearing Flange 1" I.D
3	**HS583-8-2**	1	Load Nut, nylon
4	**HS583-9**	2	Slide, load block
5	**HS583-8**	1	Load block assembly w/ load nut & cotter pins
6		1	1-1/4" External snap ring, supplied with HS583-8-2
7	**HS583-41**	2	Threaded collar, seal thrust bearing nylon
8	**HS583-12**	1	Thrust bearing, 1" ID, D9
9	**HS583-11A24**	1	ACME screw, 24" machine
	HS583-11A36	1	ACME screw, 36" machine
	HS583-11A48	1	ACME screw, 48" machine
10	**HS613**	1	Spider Gear-spacer Hytrel (white) LO90/LO95
11	**LOV38146**	1	Coupling Jaw LO95 5/8" bore with keyway
12	**HS9050**	1	Motor 1/8 Hp, 115V AC, 60 Hz, 1.9A FL, 28RPM
	HS9051	1	Motor 1/8 Hp 230V AC, 50/60Hz, 0.75/0.90A FL, 24/29 RPM
	HS9052	1	Motor 1/8 Hp, 115 V AC, 60 Hz, 1.65A FL, 16 RPM
	HS9053	1	Motor 1/8 Hp 115 V 60Hz, 1.9A FL, 60 RPM
	HS9054	1	Motor 1/8 Hp 230V 50/60Hz, 0.75/0.90 FL, 60 RPM
13	**HS583E-31**	1	Switch assembly with (6) EL1135 micro switches for enclosed style only
14	**EL1001**	1	Switch, Toggle SPDT, 10A @ 250 Volt, CTR OFF
15	**EL1005**	1	Switch, Toggle DPDT, 10A @ 250 Volt, CTR OFF
16	**HS612**	1	Knob, tri-handle, 1/4-20 insert
17	**HS583-45**	1	Handle, Front door
18	**HSLABEL-084**	1	Label, "Caution Automatic Equipment"
19	**HSLABEL-083**	2	Label, "Warning Moving Parts"
20	**HSLABEL-087**	1	Label, "Grease Location"
21	**HS583-27-24**	1	Limit rod, 24" machine
	HS583-27-36	1	Limit rod, 36" machine
	HS583-27-48	1	Limit rod, 48" machine
22	**HS583-28**	2	Collar, steel 3/8" w/ set screw
23	**HS583-29**	2	Spring, limit rod
24	**EL1083**	2	Rubber cover, toggle switch
25	**HSLABEL-008**	2	Label, Warning–Shock Hazard
26	**HS583-8-5**	2	Bolt Adapter #50 Chain Curtain Machine
27	**60580**	2	Washer Flat SS 5/16"
28	**60681**	2	Nut Lock 5/16"
29	**HS583-46-6**	1	Bellows Rubber Limit Rod
30	**HS583-55**	2	Swivel 3/8" Eye/Jaw Galv
31	**HS583-8-6**	2	Adapter #50 Chain
32	**HS583-70**	1	(2) 36" #50 Roller Chain for 24" machine
	HS583-80	1	(2) 48" #50 Roller Chain for 36" machine
	HS583-90	1	(2) 60" #50 Roller Chain for 48" machine
33	**EL50RC**	4	Master link, #50 chain

![Diversified logo] **DIVERSIFIED**

DuraDrive

#DI710AC2009	Curtain Machine
#DI710AI2009	Inlet/Vent Machine
#DI710AGCU	Replacement Gearbox, limit switches, relay
#DI710AMR2	Motor 220 V
#DI710AMTR	Motor 110 V
#DI710ARE1MOD	Relay Set 110V Modified W/Safety Switches
#DI710AWDC	Winch Drum for Curtain Machine
#DI710AWDI	Winch Drum for Inlet Machine

Dura Drive for Tunnel Doors

#DI710AG3250DVM	Complete unit right hand, 110V
#DI710AG3250	Right hand, gear only 250 w/110 volt relay set
#DI710AG3250DVMLH	Complete unit, left hand, 110V
#DI710AG3250LH	Left hand, gear only 250 w/110 volt relay set

Motor

#DI710AMJR14	1/4 Hp Motor only, 110V

Racket Wrench

#DI6400024	For strap kit
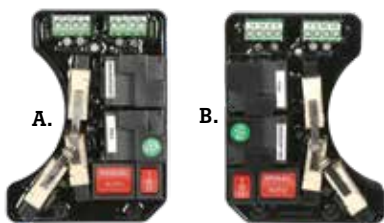
Relay, 110 V

A) #DI710AELEC	Right hand
B) #DI710AELECLH	Left Hand

Hinge

#DI6120043	2"

Door Install Kit

#DI6400008	Seam caps & Screws

Spacer

#DI6120042	For hinge

Strap Kit

#DI6400003	Tunnel Door

Door Seal

#DI6400019	3 Rib

AP Repair Parts

*Use of Original Manufacturer's part numbers is for reference only

Natural Ventilation Control
• Adjustable on/off run time
• Automatic control with manual override
• Remote sensor

#GTC1-NV...........................Natural vent controller

Gear Motor
• Comes with block and hardware
• 30 RPM
• 110V

#G53-0230........................w/ block and hardware

Curtain Controllers
The newly-designed curtain controller is a screwdriven automated curtain machine with an 1/8 Hp, 115 vac, 60 Hz motor in either 15, 30 or 60 RPM. Multidirectional, frame-mounted, head pulleys and latch out assembly are standard on all machines. Thermostat controls, electronic controls and extra bracket kits are sold separately. Comes with a 3,000-lb. lift capacity.

#GCC3615 .... 15 RPM, 36" travel
#GCC3630................................30 RPM, 36" travel
#GCC3660................................60 RPM, 36" travel
#GSPRKT3630..... 30 RPM, 36" travel w/sprocket

GrowerSELECT Gear Motor
• 1/7 Hp
• 25 Rpm
• 115 V

#HS9056...................................OEM# G53-0103BA

Bearing
• 1" pillow lock bearing, locking collar included

#16G................................Bearing, OEM# G16-0076

Top Coupler
#G52-0330.......Top Drive Coupler w/ welded nut

Bottom Coupler
#LOV38146 ....Lower Drive Coupler w/ lock collar
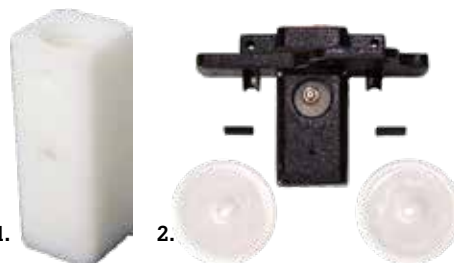
Drive Block
1) **#HS631** ....Plastic Insert, OEM# 52-0275
2) **#G52-0276** ....Drive Block Assy w/ side wheels

Bearing
#GAC52-0174...................Thrust bearing w/ support
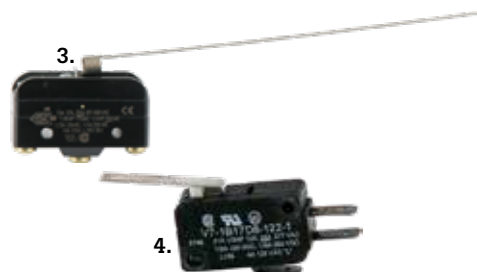
Switches
3) **#EL1126**......................................Whisker switch
4) **#EL1041** ....Limit switch

Spider Gear
#HS613 .... Hytrel spider gear

Drive Screw
#G50-0056.........................36" travel drive screw

Chore-Time Linear-Lift™ & ProTerra Winch
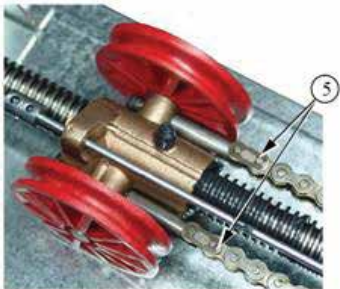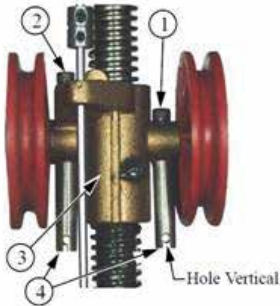
1) #C5083-8 .... 1/4-20 x 1.50 Socked HD Cap Screw
2) #23212 .... /4-20 x 2.25 Socked HD Cap Screw
3) #C41957 .... Brass Nut
4) #AGL44417 .... Chain Connecting Rod
5) #AGL20017 .... Connecting Link

GrowerSELECT
Motor

#HS9042 .... 1/3 Hp, 1625/1425 RPM,
208-230/220-240 V

Chore-Time Gear Box

#C3261-15 .... Chore-Time Gear Box

Chore-Time Switch Assembly

#C38904 .... Chore-Time Switch
#EL1056 .... SPDT switch replaces OEM# 46324

GrowerSELECT
SOX Spider Spacer

#LOV10621 .... C3633

**Chore-Time
Thrust Bearing Bracket**

#C35566 .... Chore-Time Thrust Bearing Bracket

Chore-Time Pulley Wheel

#C41540 .... Chore-Time Pulley Wheel

Machined Flexible Coupling

#C35944 .... Machined Flexible Coupling

GrowerSELECT
Pinion

#HSP05 .... Chore-Time OEM# 3429

**Chore-Time
Drive Screw**

#C35945-4 .... Chore-Time Drive Screw

**Chore-Time
Nut Assembly**

#C41957 .... Chore-Time Nut Assembly

Hired Hand Repair Parts

*Use of Original Manufacturer's part numbers is for reference only

GrowerSELECT
Replacement Load Nut Assembly
- Plastic insert
- Replaces Brass Load Nut OEM #6402-1254

#HS576......................................Load Nut Assembly

GrowerSELECT
Acetal Load Nut

#HS583-8-2A................................Acetal Load Nut

PowerTrak™ Load Nut Assembly

#H6450-5049...Complete

GrowerSELECT
Aluminum Load Block

#HS574................................OEM part #0401-3560

GrowerSELECT
Wiring Harness

A.   B.

#HS6650-5024............................... Wiring harness
#HS1902-0158.......................... 10' Wiring harness

Temperature Sensor
- Replaces sensor for all Hired-Hand controls

#EL1087 .... Temperature sensor

GrowerSELECT
Gear Motor
- For new style machine, door opens on hinge
- 115V, 60 Hz, 1/8 Hp

#HS9050............. 30 RPM OEM part #6650-0063
#HS9052............. 16 RPM OEM part #6650-0062

GrowerSELECT
Gear Motor
- Bison – old style
- Door lifts off

#HS9050-0602 ....30 RPM, 110V

GrowerSELECT
Plastic Spider Coupling

#HS613 .... OEM part #1050-1365

PowerTrak™ Limit Switch Assembly

#H6402-0125............................... 9 wire, old style
#H6450-0205............................3 wire, new style

GrowerSELECT
5/8" Lovejoy Coupling

#LOV38146 ....OEM part #1047-1367

Switches

1.   2.   3.

1) #EL1135...Limit switch
2) #EL1042 .... Short arm upper safety switch
3) #EL1039 .... Lower limit switch

Hired Hand PowerTrak™
- Modular construction for ease of service.
- 5,000 LB. capacity.
- Built-in head bracket with needle-bearing pulleys.
- Channel lock trak-drive system captures load block.
- 15% increase in load block support surface for greater life.
- Easy-adjust springcam limit switch system.
- Convenient hinged spring lock door is easily removed.
- Greater protection from the elements.

#H6602-0236..........................30 RPM, 36" travel
#H6602-0244.......................... 60 RPM, 36" travel

GrowerSELECT®
Automatic Curtain Control

The HS740 Automatic Curtain Controller is used to control up to two curtain machines or linear actuators in order to regulate the temperature inside a room. Built-in timer reads signal from thermostat or other input every five minutes to open or close curtains.

• Adjustable open and close times
• 120 Volt
• 8 Amp contact rating

#HS740..Automatic curtain control

Negative Pressure Vent Control

This controller opens and closes vents as required to maintain the building's static pressure within the defined range set the high and low limit pointers.

• Manual / Auto selection
• 120 V
• 3-wire connections
• Includes 25' of tubing.

#HS653 ....Negative Pressure Control

Cube Relay for Vent Controller

• 3PDT, 120V, 11 pin – for 8 wire

#EL1013................ replaces HH OEM# 3015-1548

Plug-in Relay for Vent Controller

• DPDT, 120V, 8 pin – for 3 wire

#EL1015................ replaces HH OEM# 3015-2884

Photohelic Gauge

#HS650KIT..................................Photohelic gauge
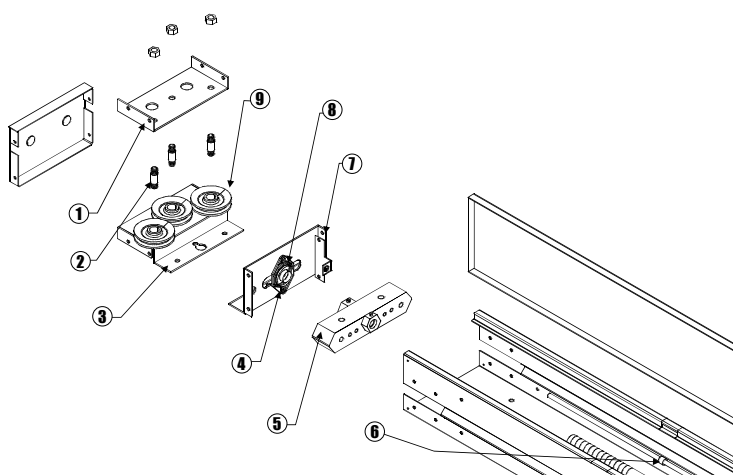
Hired Hand PowerTrak Inlet Machine

1) #H0404-5011	....	Pulley bracket
2) #H6450-2881	....	Pulley shaft
3) #H0404-5012	....	Head bracket
4) #H0404-0101	....	Upper flange brkt
5) #H6450-5049	....	Load block nut
6) #HS583-28	....	3/8" steel collar
7) #H0404-5040	....	Top bearing plate
8) #16S	....	1" insert pillow block bearing
9) #G50-0089	....	Cast pulley
10) #H6402-0107	....	Drive screw, 1'
11) #HS583-41	....	Plastic-threaded collar
12) #H0404-5016	....	Load-bearing bracket
13) #H0404-5019	....	Motor mount
14) #LOV38146	....	5/8" Lovejoy coupling
15) #HS613	....	Spider coupling
16) #HS9050	....	Motor, 30 rpm, 120V
17) #H6450-0205	....	Limit switch assy
18) #H1024-0102	....	Spring, 3" x .04 ID
19) #H0201-3129	....	Limit rod assy, 1'
20) #HS583-12	....	Thrust bearing
21) #H0404-5023	....	Bottom bearing flange
N/A) #H6450-5500	....	Sprocket conversion kit
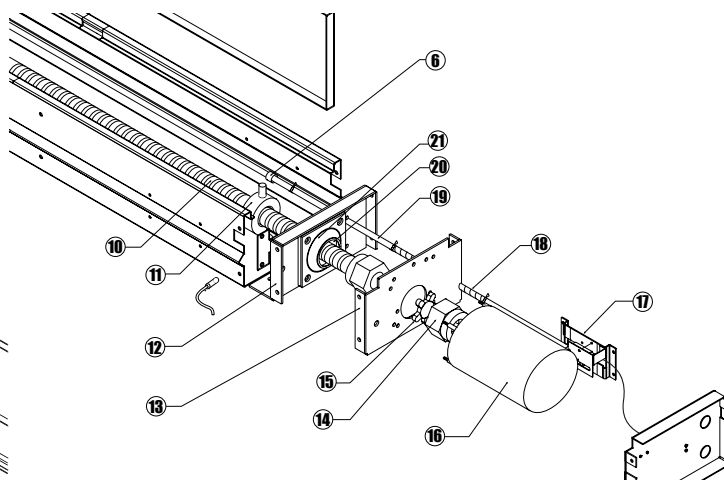
L.B. White has been a leader in swine heating for over 40 years. From farrowing to finishing, L.B. White offers a full line of forced air and radiant heating products. As the largest L.B. White distributor in the U.S., Hog Slat stocks MORE heaters and MORE replacement parts in MORE locations across the country than any other supplier.

Direct Spark Ignition

#LB250SI-LP . L.B. White 250,000 BTU – Base Unit

Hot Surface Ignition

#LB60HSI-LP ..... L.B. White 60,000 BTU – Base Unit
#LB250HSI-LP .. L.B. White 250,000 BTU – Base Unit

Pilot Light Models

#LB346-3PLLP ..L.B. White 60,000 BTU – Base Unit
#LB250PL-LP ...L.B. White 250,000 BTU – Base Unit

#LB05568   #59598

Thermostats

#LB05568 .... L.B. White Surface Mount
#59598 .... Remote w/ 20' cord

Gas Hose

#LB20543 ...1/4" x 10', 1/4" NPT rigid x 1/4" swivel-60M pilot
#LB21993 ....3/8" x 10', 1/2" NPT rigid x 5/8" swivel-60M&100M
#LB20714 ..... 1/2" x 10', 1/2" NPT rigid x 1/2" swivel-all 250M
#LB20713 ..... 1/2" x 6', 1/2" NPT rigid x 1/2" swivel-all 250M
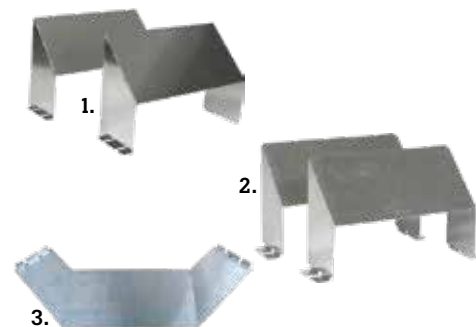
Air Diverters

1) #LB20111 .... Snap-in, 2 pc. 60 HSI
2) #LB20048 .... Snap-in, 2 pc. all 250
3) #LB07742 .... Snap-in, 1 pc for 60 classic

Second Stage Regulator

1) #LB24414 .... Natural gas for 250,000
2) #LB06665 .... LP for all heaters
3) #LB07087 .... Pilot & HSI, natural gas for 60k-170k
4) #LB06553 .... Vent over outlet, LP

Manual Shut-Off Valve

#LB571173 .... Manual shut-off valve

Sediment Trap

#LB00815 .... Sediment trap for all heaters

LB White
250 Direct Spark

Accessories: Page 71

Key	Item#	Description
1A	**#LB06665**	Secondary regulator, LP
1B	**#LB24414**	Secondary regulator, NG
2	**#LB571173**	Manual shut valve
3	**#LB20714**	1/2" x 10' gas hose, NG & LP
4	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
5A	**#LB522076**	Honeywell, LP
5B	**#LB522078**	Honeywell, NG

Burner Orifice

Key	Item#	Description
6A	**#LB570053**	LP
6B	**#LB570054**	NG

Igniter

Key	Item#	Description
7	**#LB570021**	Spark Igniter Assy

High Limit Switch

Key	Item#	Description
9	**#LB505566**	High Limit Switch

Sail Switch

Key	Item#	Description
10	**#LB24157**	Sail Switch

Blower Wheel

Key	Item#	Description
11	**#LB570481**	10-3/4" dia x 6" wide
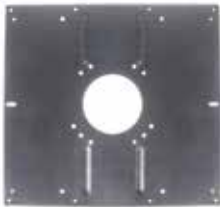
Bracket

Key	Item#	Description
12	**#LB570251**	Motor Mount Bracket

Motor

Key	Item#	Description
13	**#LB520169**	1/3 HP Motor

Transformer

Key	Item#	Description
14	**#LB509615**	120/24 V Transformer

Ignition Control

Key	Item#	Description
14	**#LB524900**	Spark Ignition Control

Blower Assembly Complete

Key	Item#	Description
-	**#LB570280**	1/3 HP motor, blower & bracket

LB White
250 Hot Surface

Accessories: Page 71

Key	Item#	Description
1A	**#LB06665**	Secondary regulator, LP
1B	**#LB24414**	Secondary regulator, NG
2	**#LB571173**	Manual shut valve
3	**#LB20714**	1/2" x 10' gas hose, NG & LP
4	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
5A	**#LB522076**	Honeywell, LP
5B	**#LB522078**	Honeywell, NG

6A   **6B**

Burner Orifice

Key	Item#	Description
6A	**#LB570053**	LP
6B	**#LB570054**	NG

Igniter

Key	Item#	Description
7A)	**#LB509201**	Old Style igniter
7B)	**#LB573659**	New Style Silicon nitride

Flame Rod Sensor

Key	Item#	Description
8	**#LB520139**	Flame Rod Sensor, 6.5" Lead

High Limit Switch

Key	Item#	Description
9	**#LB505566**	High Limit Switch

Sail Switch

Key	Item#	Description
10	**#LB24157**	Sail switch

Blower Wheel

Key	Item#	Description
11	**#LB570481**	10-3/4" dia x 6" wide
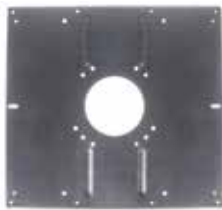
Bracket

Key	Item#	Description
12	**#LB570251**	Motor Mount Brkt.

Motor

Key	Item#	Description
13	**#LB520169**	1/3 Hp motor

Transformer

Key	Item#	Description
14	**#LB509615**	120/24 V transformer

Ignition Control

Key	Item#	Description
15	**#LB509298**	Ignition control

LB White
250 Pilot

Accessories: Page 71

Key	Item#	Description
1A	**#LB06665**	Secondary regulator, LP
1B	**#LB24414**	Secondary regulator, NG
2	**#LB571173**	Manual shut valve
3	**#LB20714**	1/2" x 10' gas hose, NG & LP
4	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
5A	**#LB521615**	Honeywell, LP
5B	**#LB521616**	Honeywell, NG

Burner Orifice

6A   **6B**

Key	Item#	Description
6A	**#LB570053**	LP
6B	**#LB570054**	NG

Pilot Gasket

Key	Item#	Description
7	**#LB570461**	Pilot Gasket
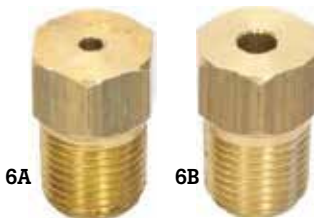
Thermocouple

Key	Item#	Description
8	**#LB503497**	22" Snap-in
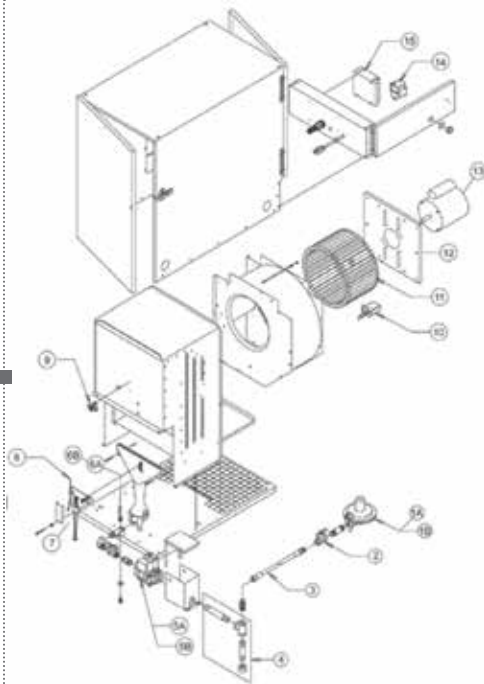
Pilot Tube

Key	Item#	Description
9	**#LB570661**	Pilot Tube

Pilot Orifice

Key	Item#	Description
10A	**#LB507829**	LP
10B	**#LB506968**	NG

Terminal Strip

Key	Item#	Description
11	**#LB570491**	Terminal Strip
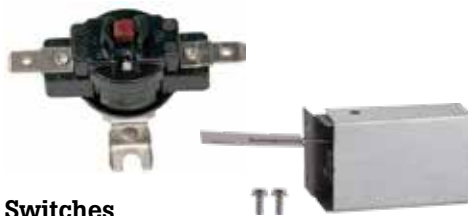
Switches

Key	Item#	Description
12	**#LB505566**	High Limit Switch
13	**#LB24157**	Sail switch
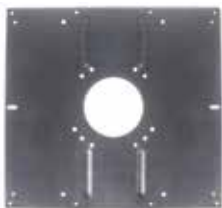
Bracket

Key	Item#	Description
14	**#LB570251**	Motor Mount Brkt.

Motor

Key	Item#	Description
15	**#LB520169**	1/3 Hp motor

Blower Wheel

Key	Item#	Description
16	**#LB570481**	10–3/4" dia x 6" wide

L.B. White 60,000 Pilot

Accessories: Page 71

Key	Item#	Description
1	**#LB06665**	Secondary regulator
2A	**#LB20714**	1/2" x 10' gas hose, NG
2B	**#LB20543**	1/4" x 10' gas hose, LP
3	**#LB571173**	Manual shut valve
10	**#LB05568**	Surface mount thermostat
17	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
4A	**#LB502309**	Basotrol, LP & NG
4B	**#LB521615**	Honeywell, LP
4C	**#LB521616**	Honeywell, NG

Burner Orifice

Key	Item#	Description
5A	**#LB570077**	LP
5B	**#LB570078**	NG

Pilot Orifice

Key	Item#	Description
6A	#LB502689	LP
6B	#LB570065	NG

TO SEDIMENT TRAP
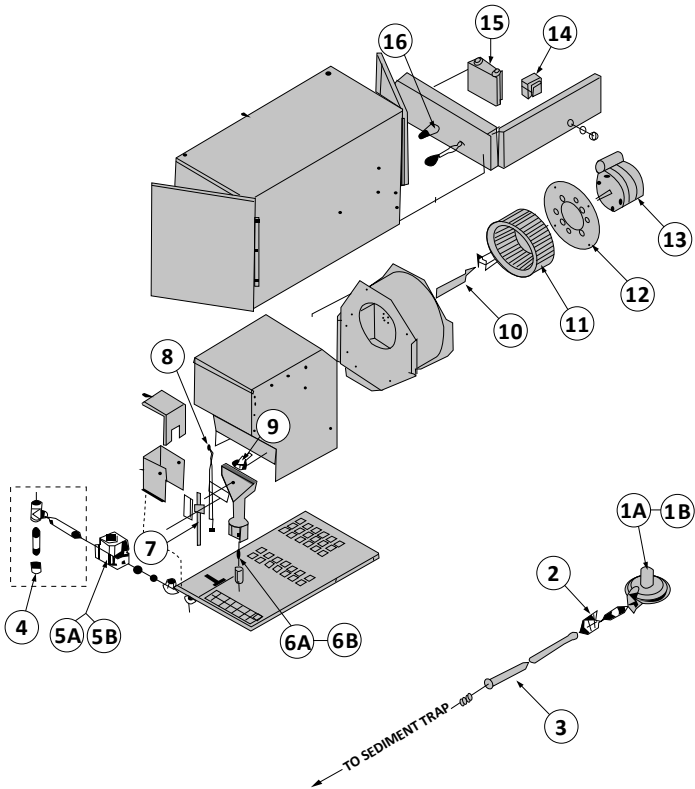
Pilot Shield

Key	Item#	Description
7	**#LB573700**	Pilot Shield

Thermocouple

Key	Item#	Description
8	**#LB503497**	22" Snap-in

Pilot Tube

Key	Item#	Description
9	**#LB521380**	Pilot tube

Motor

Key	Item#	Description
11	**#LB520290**	1/12 Hp motor

Motor Mount Plate

Key	Item#	Description
12	**#LB570382**	Motor Mount Plate

Blower Wheel

Key	Item#	Description
13	**#LB570230**	6-1/2" dia x 3-1/8" wide

Fan Housing

Key	Item#	Description
14	**#LB05579**	w/ motor mount

High Limit Switch

Key	Item#	Description
15	**#LB503933**	High Limit Switch
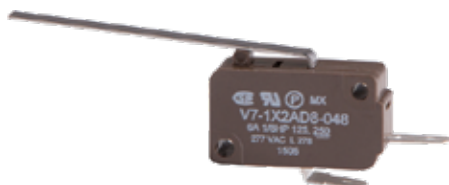
Air Proving Switch

Item#	Description
#LB502680	Air Proving Switch

Key	Item#	Description
1A	**#LB06665**	Secondary regulator,LP
1B	**#LB07087**	Secondary regulator, NG
2	**#LB571173**	Manual shut valve
3A	**#LB20714**	1/2" x 10' gas hose, NG
3B	**#LB20543**	1/4" x 10' gas hose, LP
4	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
5A	**#LB522076**	Honeywell, LP
5B	**#LB522078**	Honeywell, NG

Burner Orifice

Key	Item#	Description
6A	**#LB570225**	LP
6B	**#LB570226**	NG

6A **6B**

Igniter

7A **7B**
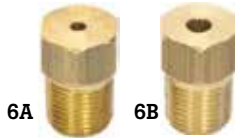
Key	Item#	Description
7A)	**#LB509201**	New Style Igniter
7B)	**#LB573659**	New Style Silicon nitride Igniter

TO SEDIMENT TRAP
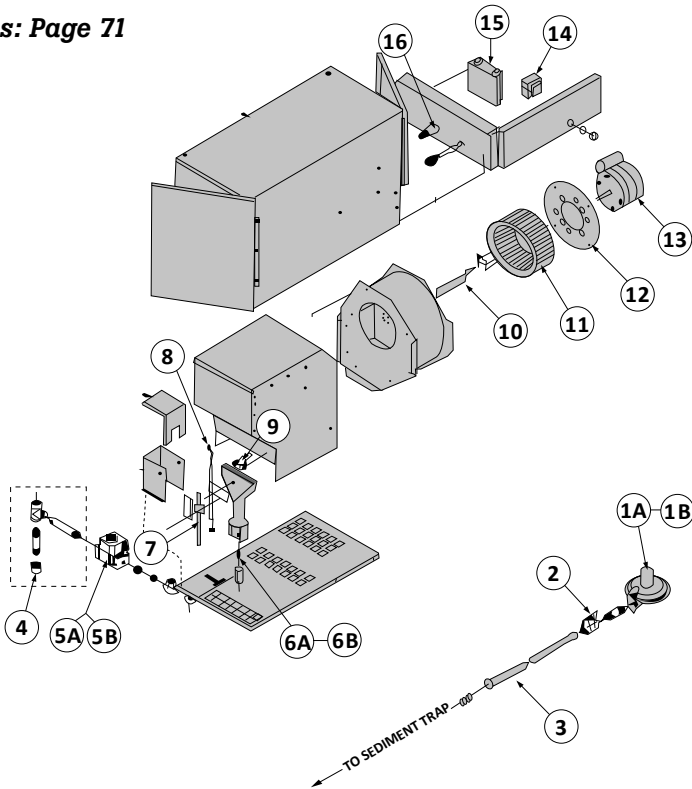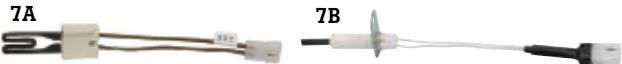
Flame Probe

Key	Item#	Description
8	**#LB572412**	Flame probe 45° bend

High Limit Switch

Key	Item#	Description
9	**#LB503933**	High Limit Switch

Sail Switch

Key	Item#	Description
10	**#LB570027**	Sail switch

Blower Wheel

Key	Item#	Description
11	**#LB570230**	6-1/2" dia x 3-1/8" wide

Motor Mount Plate

Key	Item#	Description
12	**#LB570382**	Motor mount plate

Motor

Key	Item#	Description
13	**#LB520290**	1/12 Hp motor

Transformer

Key	Item#	Description
14	**#LB509615**	120/24 V transformer

Ignition Control

Key	Item#	Description
15	**#LB509298**	Ignition control

Wiring Kit

Key	Item#	Description
16	**#LB23709**	Wiring Kit w/harness

L.B. White 100 Hot Surface

Accessories: Page 218

Key	Item#	Description
1A	**#LB06665**	Secondary regulator, LP
1B	**#LB24414**	Secondary regulator, NG
2	**#LB571173**	Manual shut valve
3	**#LB20714**	1/2" x 10' gas hose, NG & LP
4	**#LB00815**	Sediment trap

Gas Valves

Key	Item#	Description
5A	**#LB522076**	Honeywell, LP
5B	**#LB522078**	Honeywell, NG

Burner Orifice

6A   **6B**

Key	Item#	Description
6A	**#LB570281**	LP
6B	**#LB570282**	NG
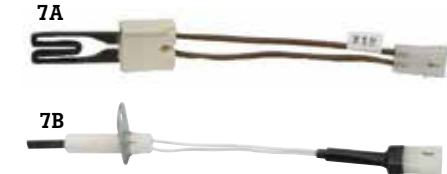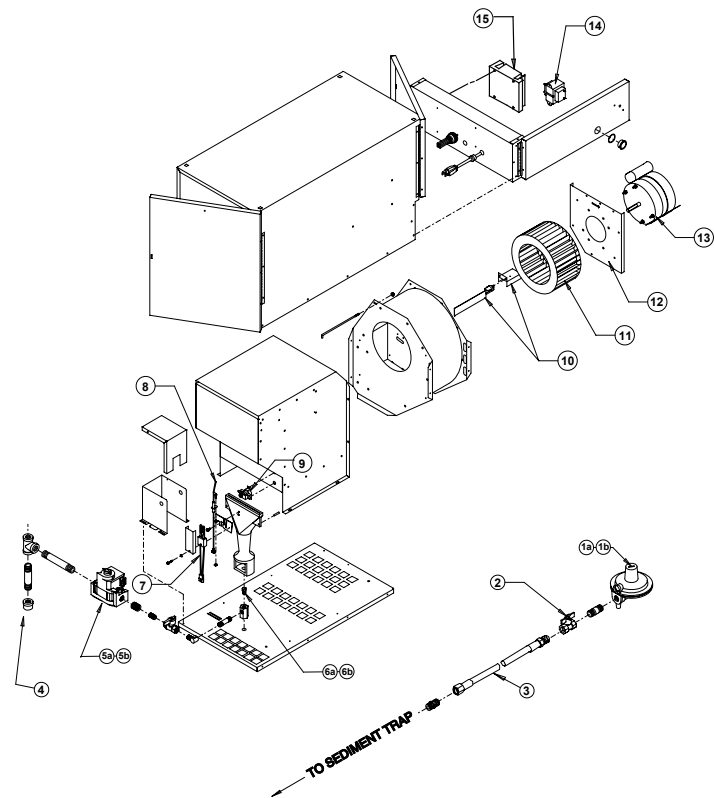
TO SEDIMENT TRAP

Igniter

7A

7B

Key	Item#	Description
7A)	**#LB509201**	Old Style igniter
7B)	**#LB573659**	New Style Silicon nitride

Flame Rod Sensor

Key	Item#	Description
8	**#LB520139**	6.5" Lead

High Limit Switch

Key	Item#	Description
9	**#LB503933**	High Limit Switch

Sail Switch

Key	Item#	Description
10	**#LB570493**	Sail Switch

Blower Wheel

Key	Item#	Description
11	**#LB570304**	8" dia x 4–7/8" wide
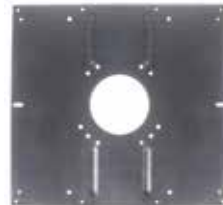
Bracket

Key	Item#	Description
12	**#LB570383**	Motor Mount Brkt.

Motor

Key	Item#	Description
13	**#LB520292**	1/8 Hp motor

Transformer

Key	Item#	Description
14	**#LB509615**	120/24 V

Ignition Control

Key	Item#	Description
15	**#LB509298**	Ignition control

LB White Infraconic Brooder

#LBI17P-I .... 17,000 Individual Control, LP
#LBI17P-SI .... 17,0000 Spark Ignition, LP
#LBI17P-Z .... 17,000 Zone Controlled, LP

Venturi Tube & Burner Assembly
1) #LB09639............... Venturi Tube, Burner Assy.

Cover Plate
2) #LB572736... Cover plate for thermocouple w/nuts

Thermocouple
3) #LB573167 ....Thermocouple

Injector Casings
4A) #LB572735..NG
4B) #LB572731 ....LP

Retaining Screw for Injector Tube
5) #LB09572..................................Retaining screw

Primary Burner Orifice (low heat)
6A) #LB570568... #44 LP
6B) #LB570569... #52 NG

Thermocouple Fuse clip
11) #LB570227 .... Thermocouple Fuse clip

Injector Tube
7) #LB09597 ....Injector tube

Pilot Tube
13) #LB522008.....................................Pilot tube

Hardware
16) #LB23636 ....10-32, 1 1/2" screw
17) #LB09578............................... 10-32 brass nut
18) #LB09568 ....Spacer

Pressure Valve
8) #LB09861 ....Pressure valve

Secondary Orifice (high heat)
14A) #LB570397 .... #42 LP
14B) #LB570398... #54 NG

Filter Kit
19) #LB20427 ....Filter Kit

Safety Control Valve
9A.   **9B.**

9A) #LB570454...................... Safety control valve
9B) #LB572732 .... Safety Control Valve "D" Model

Retaining Screw
10) #LB23955 ....Retaining screw

Combustion Cone
15) #LB21087 ....Combustion Cone kit
15A) #LB571070... Gasket
15B) #LB570126.................Inner cone and gasket
15C) #LB570088..................................... Outer cone

Burner Plate
20) #LB570204 ....Burner Plate
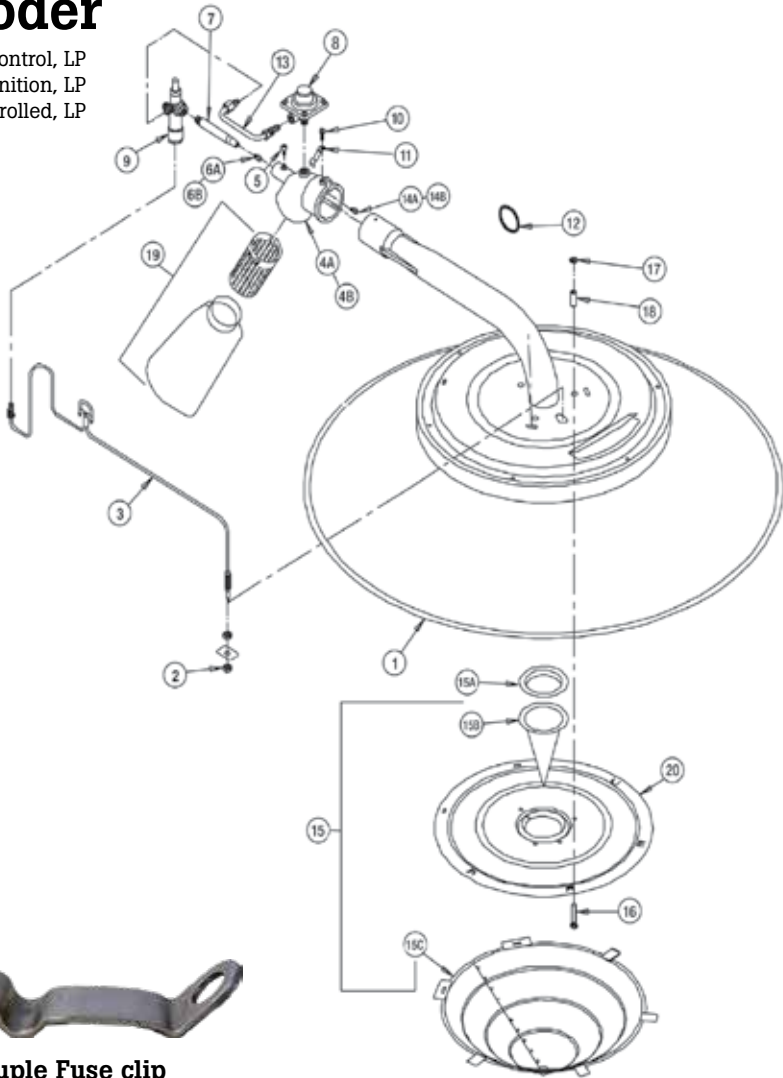
Direct Spark Gro40 Brooders

Now improved with Stainless Steel burner, water resistant ignition control and dual fuel gas valve. 40,000 BTU brooders available in pilot, direct spark and zone models.

#GRO40-CR-L5N5..Direct Spark Ignition (LP & NG)
#GRO40-CR-L5N5-1 ....Direct Spark Ignition (120V version)
#GRO40-CR-L2...Pilot Zone, LP
#GRO40-CR-L3... Pilot Modulating Control, LP
#GRO40-CR-L9... Pilot Individual Control, LP
#GRO40-CR-N2 ....Pilot Zone Control NG Rad Alum Canopy CR
#GRO40-CR-N9 ....Pilot Ind T Stat Control NG Rad Alum CR
#GRO40-CR-B9 ....Pilot Ind T Stat Control P & B Mix

Tru40™
High Pressure Radiant Gas Brooder

• 40,000 Btu
• Direct Spark Ignition – no standing pilot
• Stainless steel burner and emitter

#GRO40I-L5HPAL35...High Pressure, Insulated, LP
#GRO40I-N5HPAL35 ....High Pressure, Insulated, NG

Zone Control Panel

A power supply control which utilizes a 375VA transformer to provide the required 24VAC for single or multiple groups brooders. Controls up to (25) 40,000 Btu brooders. Galvanized housing.

#GRO1119......................... 24V Zone Control Panel

Control #3 & 9

Control #2
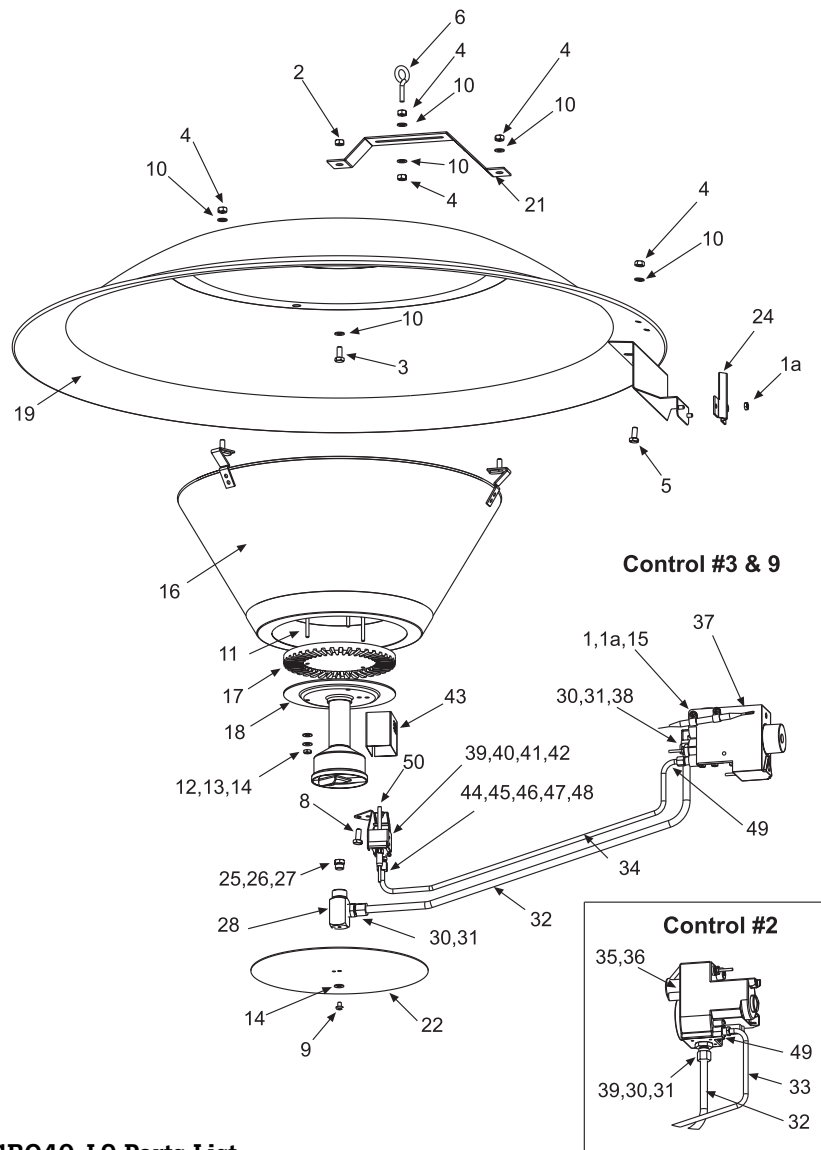
GRO40-L2, GRO40-L3 & GRO40-L9 Parts List

Key	Item#	Description	GRO40-L2	GRO40-L3	GRO40-L9
1)	#GRO1035	#8–32 x 1/2" Pan Head Screw	–	2	2
1a)	#GRO1040	#8–32 Hex Locknut	2	4	4
2)	#GRO1037	#12–24 Hex Nut	1	1	1
3)	#GRO1051	#12–24 x 1/2" Hex Head Screw	1	1	1
4)	#GRO1039	1/4–20 Hex Locknut – Keps	7	7	7
5)	#GRO1044	1/4–20 x 5/8" Hex Head Screw	2	2	2
6)	#GRO1050	1/4–20 x 2" Eyebolt (includes nut)	1	1	1
8	#GRO1041	#10–24 x 3/8 Pan Head Screw	2	2	2
9)	#GRO1036	#10–32 x 1/4" Pan Head Screw	1	1	1
10)	#GRO1049	#M8 Flat Washer	8	8	8
11)	#GRO1045	#M5 x 35mm Hex Head Screw	3	3	3
12)	#GRO1046	#M5 Hex Nut	3	7	7
13)	#GRO1047	#M5 Flat Washer	3	7	7
14)	#GRO1048	#M5 Spring Lockwasher	4	4	4
15)	#GRO1062	Cable Clamp 5/16" ID	–	2	2
16)	#GRO1089	Emitter Assembly	1	1	1
17)	#GRO1088	Burner Cap	1	1	1
18)	#GRO1094	Burner Base Assy (w/swivel clamp)	1	1	1
19)	#GRO1081	Reflector Canopy – Aluminum	1	1	1
20)	#GRO1082	Reflector Canopy – Galvanized	1	1	1
21)	#GRO1096	Low Profile Hanging Bracket	1	1	1
22)	#GRO1083	Burner Pan (center mounted)	1	1	1
23)	#GRO1101	Manifold Support Assy (radiation shield)	1	1	1
24)	#GRO1100	V-Clamp (manifold support)	1	1	1
25)	#GRO1057	Main Burner Orifice (1.9mm) – LP Gas	1	1	1
26)	#GRO1055	Main Burner Orifice (#31) – Natural Gas	1	1	1
27)	#GRO1056	Main Burner Orifice (#50) – LP/Butane Gas	1	1	1
28)	#GRO1084	Main Burner Orifice Fitting Sub-Assy	1	1	1
29)	#GRO1073	1/2" MPT x 3/8" Tube Fitting (USA Style)	1	–	–
30)	#GRO1064	3/8" Compression Sleeve (USA Style)	1	1	1
31)	#GRO1066	3/8" Compression Nut (USA Style)	1	1	1
32)	#GRO1085	Main Burner Tubing, 3/8"	1	1	1
33)	#GRO1086	Pilot Burner Tubing, 1/4"	1	–	–
34)	#GRO1087	Pilot Burner Tubing, 1/4"	–	1	1
35)	#GRO1074	Gas Valve, Honeywell #VR8200M-2956, NG	1	–	–
36)	#GRO1075	Gas Valve, Honeywell #VR8200M-2964, LPG	1	–	–
37)	#GRO1076	Gas Valve, SIT #0630501, NG & LPG (w/plug)	–	–	1
37a)	#GRO1052	Gas Valve, SIT #0630501, LPG (w/min. rate screw)	–	1	–
37b)	#GRO1053	Gas Valve, SIT #0630501, NG (w/min. rate screw)	–	1	–
38)	#GRO1054	3/8" MPT x 3/8" Tube Fitting Elbow	–	1	1
39)	#GRO1103	Pilot Assembly Complete, LPG	1	1	1
40)	#GRO1104	Pilot Assembly Complete, NG	1	1	1
41)	#GRO1105	Pilot Housing Sub-Assembly	1	1	1
42)	#GRO1102	Pilot Housing – Outer	1	1	1
43)	#GRO1106	Pilot Windshield – Perforated	1	1	1
44)	#GRO1067	Pilot Orifice Holder, 1/8 NPT x 1/4 Tube	1	1	1
45)	#GRO1059	Pilot Orifice (#79), LPG	1	1	1
46)	#GRO1058	Pilot Orifice (#76), NG	1	1	1
47)	#GRO1063	1/4" Compression Sleeve (USA style)	1	1	1
48)	#GRO1065	1/4" Compression Nut (USA style)	1	1	1
49)	#GRO1061	1/4" Break-Away Fitting (gas valve end)	1	1	1
50)	#GRO1080	Thermocouple, 36" Snap-In	1	1	1
51)	#GRO1092	Installation Manual (not shown)	1	1	1
52)	#GRO1090	Kit, Complete Fastener (not shown)	1	1	1

Ignition Control Unit

Control No. 5
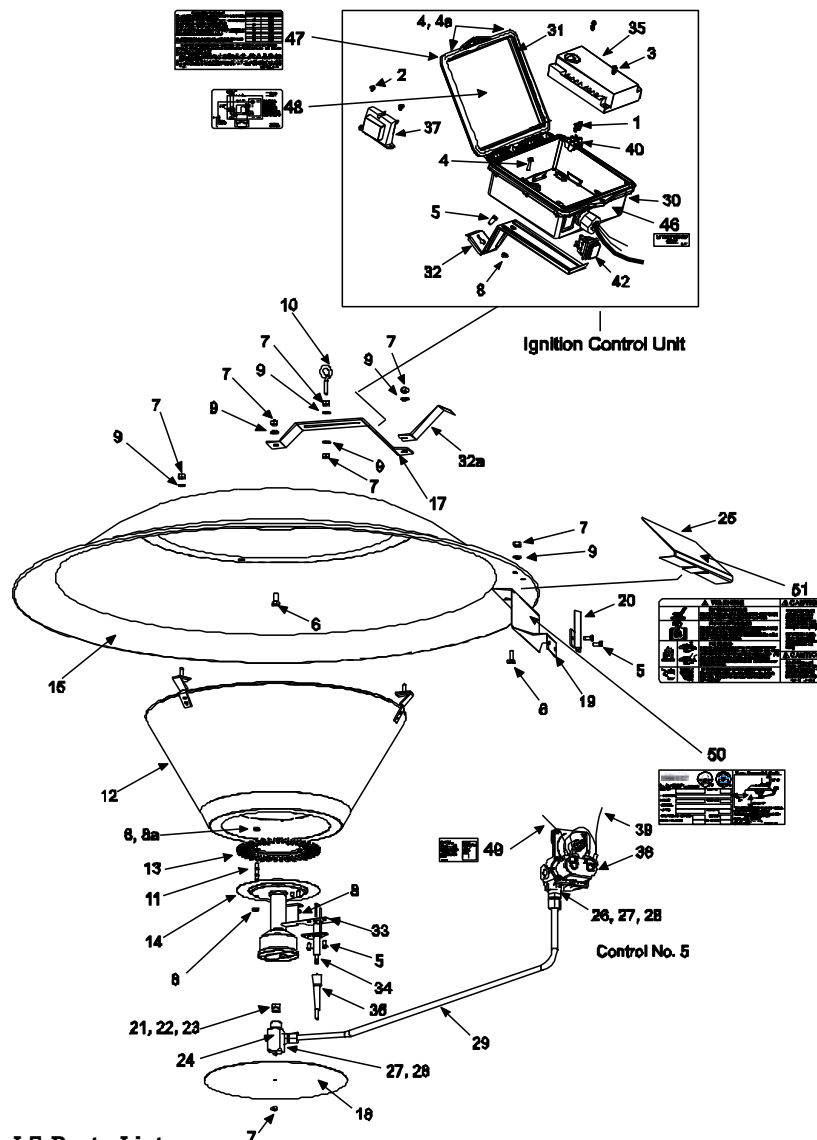
GRO40-CR-N5 & GRO40-CR-L5 Parts List

Key	Item#	Description	SRB40CR-5 Qty
1)	#GFP02345010	Pan Head Screw #4-20X5/8" Plastite	2
2)	#GFP02337010	Pan Head screw #6-19 X 1/4" Plastite	2
3)	#GFP02174150	Pan Head Screw #6-32 X 1/2"	2
4)	#GFP02168160	Pan Head Screw #10-24 X 7/8"	3
4a)	#GFP02336010	O-Ring Retainer	2
5)	#GRO1108	PHMS #10-24 x 3/8" SS	5
6)	#GFP02259000	Hex Head Screw 1/4-20 X 5/8" SS	3
7)	#GFP02167019	Hex Nut – 1/*4-20 Keps SS	9
8)	#GFP02167029	Nut for GRO40 CR Emitter (6 Per Brooder)	8
9)	#GFP02129100	Washer Flat 1/4" SS	8
10)	#GFP02309010	Eyebot 1/4-20 X 2 Includes One Nut	1
11)	#GFP40219520	Spacer Bolt Stainless	3
12)	#GF43525250	Emitter Assembly Less Burner Cap	1
13)	#GFP44465060	Burner Cap .Srb40 Stainless CR Version (43309000)	1
14)	#GFP44464050	Burner Assy Stainless CR Version	1
15)	#GRO1081	Canopy Reflector Aluminum	1
16)	#GRO1082	Canopy Reflector Galvanized	1
17)	#GF43826030	Low Profile Hanging Bracket (w/ eyebolt) CR Version	1
18)	#GF43304040	Burner Pan-Center Mount – SS	1
19)	#GFP43983030	Manifold Support Assy Radiant Shield	1
20)	#GFP43982030	V-Clamp Manifold Support	1
21)	#GRO1057	Orifice Main Burner 1.9MM LP Gas	1
22)	#GFP3259330	Orfice Burner 7/16-27 #33 NG L5 to N5	1
23)	#GRO1056	Orifice Main Burner 50 LP Butane Gas	1
24)	#GF43305980	Main Burner Orifice Fitting (CR Version)	1
25)	#GFP43311930	Label Holder Plate for the CR Version	1
26)	#GFP3602070	Fitting Male Coupler 68EEE	1
27)	#GRO1064	Sleeve 3/8" Compression USA Style	2
28)	#G3601020	Nut Compression 3/8" Usa Style	2
29)	#GRO1085	Tubing Main Burner 3/8" For GRO40	1
30)	#GFP4451100	Junction Box Complete Plastic	1
31)	#GFP44452100	O-Ring Gasket Junction Box	1
32)	#43536190	Bracket, Box Support for CR Version	1
32a)	#GFP43536210	Brace, Box Support	1
33)	#GF44468050	Bracket Electrode for the CR Version	1
34)	#HS648	Igniter Spark For Direct Spark Brooder	1
35)	#GRO1077	Module Ignition Direct Spark Brooder	1
36)	#GRO1078	Cable Ignition 35" Spade/Spark Plug GRO40 DSI Brooder	1
37)	#G30279000	Transformer For Space Ray Tube Heater	1
38)	#GF30753000	Valve White Rogers for CR version (15M18)	1
39)	#GFP43444010	Wire Harness From Ignition Module	2
40)	#GFP30739020	Terminal Block 3 Pole	1
41)	#GRO1079	Connector Cord 1/2"	1
42)	#GFP30381010	Switch, Rocker – SPST Power on/off	1
43)	#GRO1069	Tie Wire GRO40	3
44)	#GFP43539260	Installation Manual	1
45)	#GF43534100	Fastener Kit SRB40CR	1
46)	#GFP43269000	Label 24 Volt Supply	1
47)	#GFP43311100	Label Lighting Instructions	1
48)	#GFP43623190	Label Wire Connections	1
49)	#GFP43269120	Label Torque Setting Flip/Flop Regulator Screw	1
50)	#GFP43311210	Label Nameplate Rating Plate	1
51)	#GF43311180	Label Hazard/Caution for the CR Version	1

GroTUBE

The GroTube is an energy efficient, push through radiant tube system with these unique features:

- Choose from either Calorized aluminized steel emitter tube for greater corrosion resistance or standard cold-rolled steel
- Available in either natural or propane gas models
- Diagnostic lights indicate when the heater is operating and provide a unique "troubleshooting" feature
- Available in BTU ratings from 75,000 to 150,000 and many lengths to choose from
- Heavy cast iron burners for longer life
- Can be used in either vented or unvented styles of installation
- TISS (Tube Integrity Safety Shut-Off System) is a patent-pending safety feature that automatically shuts off the heater in the event of a tube failure.

Available in Single or 2-Stage Models!

BigFOOT
Radiant Tube Brooder

Fresh Air Collar Comes Standard

½" MPT Gas Connection

Totally Enclosed Burner Box With Heavy Duty Cast Iron Burner And Totally Enclosed Blower Assembly

16 Gauge Heavy Duty, Calorized, Aluminized Steel Emitter Tubes For Corrosion Resistance And Greater Radiant Output

Monitoring Light System

Highly Efficient Aluminum Reflectors With Reflectivity Rating Of 97.5%

Heavy Duty 19° Reflector Supports, For Ease Of Installation

The 19° angle of the reflectors is designed to direct energy down directly to floor level where it's needed.

Infared photography shows the Big Foot™ Radiant Tube Brooder's large, even heat pattern at litter level
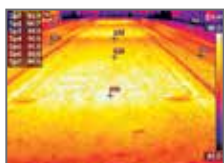
Big Foot's unique design produces a large rectangular heat pattern. Big Foot's wide heat pattern keeps water and food areas warm for easy bird access

Single Stage

Model	Description
#GFPBF60-15-L5	60,000 SS LP 7.5' Overall 15' Tube
#GFPBF60-15-N5	60,000 SS NG 7.5' Overall 15' Tube
#GFPBF60-20-L5	60,000 SS LP 10' Overall 20' Tube
#GGFP44461030	60,000 SS NG 10' Overall 20' Tube
#GFPBF70-15-L5	70,000 SS LP 7.5' Overall 15' Tube
#GFPBF70-15-N5	70,000 SS NG 7.5' Overall 15' Tube
#GFPBF70-20-L5	70,000 SS LP 10' Overall 20' Tube
#GFPBF70-20-N5	70,000 SS NG 10' Overall 20' Tube
#GFPBF80-20-L5	80,000 SS LP 10' Overall 20' Tube
#GFPBF80-20-N5	80,000 SS NG 10' Overall 20' Tube
#GFPBF90-20-L5	90,000 SS LP 10' Overall 20' Tube
#GFPBF90-20-N5	90,000 SS NG 10' Overall 20' Tube

Two Stage

Model	Description
#GFPBF6039-15-L7	60,000 2S LP 7.5' Overall 15' Tube
#GFPBF6039-15-N7	60,000 2S NG 7.5' Overall 15' Tube
#GFPBF6039-20-L7	60,000 2S LP 10' Overall 20' Tube
#GFPBF6039-20-N7	60,000 2S NG 10' Overall 20' Tube
#GFPBF7045-15-L7	70,000 2S LP 7.5' Overall 15' Tube
#GFPBF7045-15-N7	70,000 2S NG 7.5' Overall 15' Tube
#GFPBF7045-20-L7	70,000 2S LP 10' Overall 20' Tube
#GFPBF7045-20-N7	70,000 2S NG 10' Overall 20' Tube
#GFPBF8052-20-L7	80,000 2S LP 10' Overall 20' Tube
#GFPBF8052-20-N7	80,000 2S NG 10' Overall 20' Tube
#GFPBF9058-20-L7	90,000 2S LP 10' Overall 20' Tube
#GFPBF9058-20-N7	90,000 2S NG 10' Overall 20' Tube

GROTUBE Heater

Key	Item#	Description	QTY
1)	#GFP02295040	PHTCS #6–32 x 3/8"	3
1a)	#GFP02266010	Speed Clip (for air inlet plate)	2
2)	#GFP02261030	HHTCS #8–32 x 3/8" (green coated)	1
3)	#GFP02242050	PHTCS #8–32 x 3/8"	5
4)	#GFP02150200	HHMS #8–32 x 3/4"	2
5)	#GFP02167010	Locknut 1/4–20 Keps	5
5a)	#GFP02309000	Eyebolt 1/4–20 x 2	1
6)	#GFP02167040	Locknut #8–32 Keps	9
7)	#GFP02212020	HWHSMS #8 x 1/2" B Point (typical all access panels)	45
8)	#GFP02132020	Rivet 1/8"	14
9)	#GFP44139990	Housing Assembly (welded)	1
9a)	#GFP44140111	Valve Holder Plate	1
10)	#GFP44140000	Access Panel (top)	1
11)	#GFP44140040	Access Panel (hinged)	2
11a)	#GFP02201070	Hinge 1-1/16" x 6"	2
12)	#GFP44140058	Access Panel (LH burner end) with sight glass	1
13)	#GFP44140090	Access Panel (RH burner end)	1
14)	#GFP441400	6x Combustion Air Plate	1
15)	#GFP42700500	Burner, Investment Casting – Machined	1
16)	#GFP44146030	Manifold Support Bracket	1
17)	#GFP44146040	Manifold Support Clamp	1
17a)	#GFP44146050	Manifold Extension Bracket	1
18)	#GFP30703000	Blower Assembly	1
19)	#GFP30632500	Spark Module – Fenwal–24V #35-615935-197	1
20)	#GFP30702010	Flame Sensor #PSE-GF24	1
21)	#GFP30702020	Electrode #PSE-GF25	1
22)	#GFP30281000	Terminal Block #EK-204	1
22a)	#GFP30717000	Terminal Block #EF-10001 (24V thermostat connection)	1
22b)	#GFP30713000	Fuse Holder	1
22c)	#GFP30202000	Fuse 1/4" x 1–1/4" (2 amp)	1
23)	#GFP30279000	Transformer 120v–24V 20VA	1
24)	#GFP02175020	Strain Relief #SR-6P3-4 (ignition cable)	1
25)	#GFP02175060	Strain Relief #SR-2M-1 (flame sensor wire)	1
26)	#GFP30514020	Grommet .250ID #739 (air sensing tube)	1
26a)	#GFP30512020	Split Bushing #2871 (misc. wiring, ignition cable, sensor wire)	2
27)	#GFP30700040	Grommet, Pipe Sealing 1/2" #63595K34	1
28)	#GFP42447000	Sight Glass (1-5/8" square plexiglass)	1
29)	#GFP42744079	Air Sensing Tube Asm. (straight) 1/4"od	1
30)	#GFP42744069	Air Sensing Tube Asm. (90 deg bend) 1/4"	1
31)	#GFP30635030	Cord Connector 1/2 #LPCG50	1
32)	#GFP03988100	Plastic Vacuum Air Tube 10" (P2- to static pressure point)	1
33)	#GFP03988100	Plastic Vacuum Air Tube 10" (P1+ to total pressure point)	1
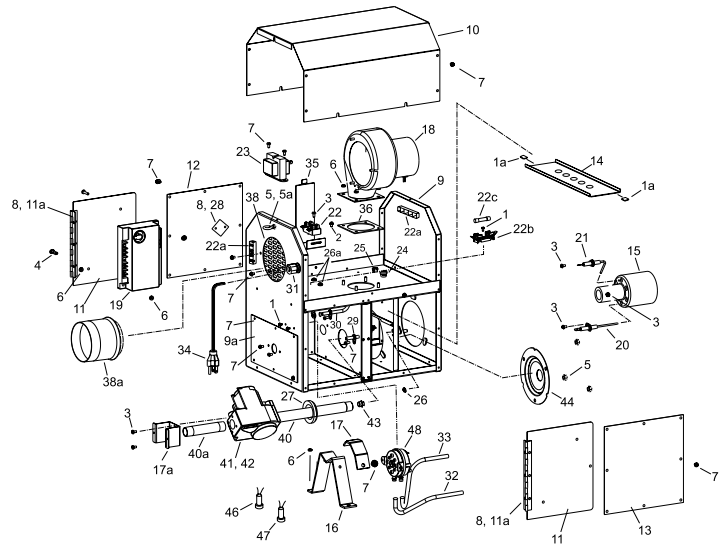
Key	Item#	Description	QTY
34)	#GFP43563040	Supply Cord –Flat (SPT-1 18/3 x 72" long)	1
35)	#GFP42709000	Shield, Terminal Block	1
36)	#GFP42395010	Gasket, Blower	1
37)	#GFP03946010	Sealing Strip 1/8" x 3/8" wide (access panels) -not shown	Ft.
38)	#GFP42752250	Air Inlet Screen	1
38a)	#GFP30504040	Starting Collar (combustion air inlet)	1
39)	#GFP30701240	Ignition Cable - Female (2) 1/4" QC x 24"lg #PSE-GF23 - not shown	1
40)	#GFP44145060	Manifold Pipe 6-1/4 lg	1
40a)	#GFP03333140	Pipe Nipple 4 lg	1
41)	#GF44010270	Valve Kit, Single Stage, NG	1
41a)	#GF44010400	Valve Kit, Single Stage, LP	1
42)	#GF44010390	Valve Kit, Two Stage, NG	1
42a)	#GF44010400	Valve Kit, Two Stage, LP	1
43)	#GFP03259	Main Burner Orifice #7/16-27"	1
44)	#GFP42741150	Air Restrictor Plate 2-3/4"	1
46)	#GFP42398030	Monitoring Light Amber (gas valve operation)	1
47)	#GFP42398150	Monitoring Light Red (air switch operation)	1
48)	#GFP30186260	Air Switch (set point @ .65WC) GROTUBE PC75 & 100	1
48a)	#GFP30186270	Air Switch (set point @ .34WC) GROTUBE PC125 & 150	1

GROTUBE Body Components

Key	Item#	Description
1)	#GFP02266010	Reflector Speed Clip
2)	#GFP43980010	Wire Hanger
3)	#GFP42873000	U Bolt Clamp, 4 OD Tube
4)	#GFP02127110	5/16-18 Hex Nut (2 per U Bolt)
5)	#GFP43318000	Tube Support/Hanger Bracket, 13"
6)	#GFP43319100	Reflector, 9' – 11-1/2 " long (10' section only; 1 per 10 ft. body section)
7)	#GFP43320000	End Reflector
8)	#GFP42921000	Tube Flange Gasket
9)	#GFP44028170	10' Tube Assembly Kit, 4 OD, ATC steel with one 6-hole flange (start tube)
10)	#GFP44028100	10' Tube Assembly Kit, 4 OD, HRS steel w/o flanges (extension tube)
11)	#GFP44028060	10' Tube Assembly Kit, 4 OD, ALC steel w/o flanges (extension tube)
12)	#GFP02189020	#10 x 1/2 Self-Drilling Screw
13)	#GFP30462980	4 OD Tube Compression Coupling w/bolts
14)	#GFP43208020	4 OD U-Bend (optional)
15)	#GFP43488000	U-Bend Reflector (optional)
16)	#GFP30504500	Flue Adapter Collar
17)	#GFP44152240	Turbulator
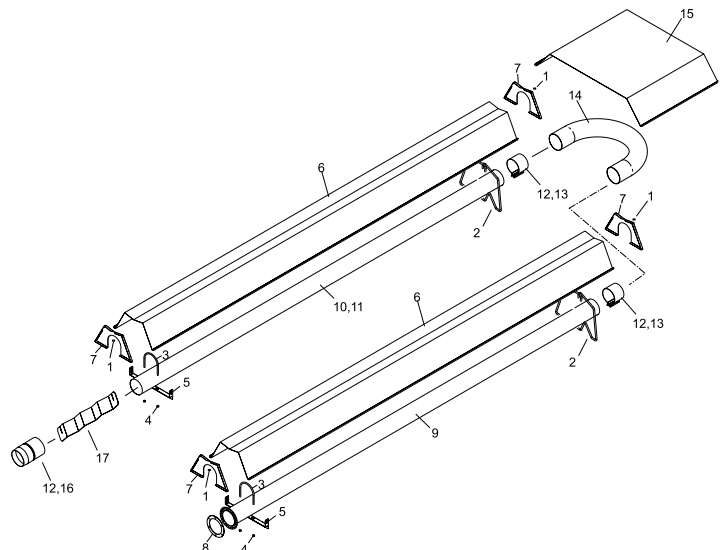
Flex Barn End Door System

Choose from either the V-Flex top opening or S-Flex side opening doors:

- Welded steel frame
- "Quad Wrap" dead air space insulation
- Weighs approximately 200 lbs.
- Rubber seal assures tight fit, tightness increases as fans come on.
- Includes hinges and 6" spring latch closure

#D-SFLEZ-CUST.. 12' x 9' open to the side Metal door

S-Flex door allows Hand Operation without winches.

Both models open without obstructions and are available in variety of exterior materials.

End Door Panel

Door Panels

Door cover panels reduce drafts and improve static pressure. Features two heavy-duty, rust-proof nylon zippers on the sides. Center flap rolls up for storage during warm weather. Standard sizes 10' High x 12' and 14' wide. Can be ordered in custom sizes.

#5224111 .... 10' x 14'
#DHBW1213-R2Z .... 10' x 12'

STURDY SEAL
by EAGAN MANUFACTURING INC.

Eagan Bi-Fold End Door

- Significant energy cost savings.
- Excellent sealing capability.
- Polyurethane foam injected door panels with an R-7 insulation value.
- Door comes complete with all necessary hardware.
- Skin on the back side of the door is black to aid in room darkening.
- Quality product that will last for many years to come.
- Very easy to operate.

Available in 10', 12' and 14' widths

Hired-Hand Automated RollSeal Door System RS-300

Features Include:

- Standard sizes up to 13' wide and 14' tall
- Aluminum tracks and covers
- RollSeal patented seal system, 3 ply fabric, double seal with dead air space for good thermal insulation
- Excellent seal for pressurization applications
- Additional switches and opening devices
- Remote transmitter/receiver option
- Three operators to choose from:
  - Manual chain hoist operator
  - Tube motor operator
  - Manaras opera continuous duty operator
- Fabric and window options

#H6621-6107 ....Roll Seal Door Complete 12' W x 10' H
#H6421-6024 .... Roll Seal 300 Track Right Assy 10'
#H6421-6025 ....Roll Seal 300 Track Left Assy 10'
#H6450-3502 .... Velcro Complete Kit For RS-300 Roll Seal 10'
#H6421-9304 ....Roll Seal Panel RS-300 400 F Velcro 10' Right
#H6421-9305 ....Roll Seal Panel RS-300 400 F Velcro 10' Left

BARNGARD

A Hog Slat exclusive, the Barngard Door™ series has proven to deliver value beyond what is available in the marketplace.

The advanced technology and flexible platform of the Barngard Door™ series continues to deliver value. Featuring adjustable weatherstrips, header sweep and sill sweep. The precision folded jambs, baked bright white finish, 4" x 4-1/2" hinges and the industry's best warranty are sure to make this door an industry standard for years to come.

Machine Formed 6-Bend Technology

1 Piece Continuous Parting Stop

Adjuster Slot

Secure Weatherstripping

Durable Steel Construction

Machined Cap Hinges

Set Screw Fixed Pin

Tri-Ply
#844190 ....52" x 600' roll

#12181661200

Green Tri-Ply Strapping
#12181661200 .... 1/2'' x .018'' x 12000', green
#844191 .... 1/2" x .026" x 8200', white
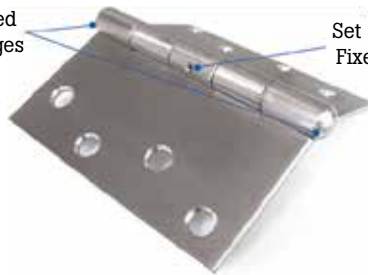
#BG882668 .... Door Complete Barngard R88 2'6" x 6'8"
#BG882868 .... Door Complete Barngard R88 2'8" x 6'8"
#BG883068 .... Door Complete Unit Barngard R88 3'0" x 6'8"
#BG882668W ....Door Complete Barngard R88 2'6" x 6'8" Steel W/22" x 22"
#BG883068W ....Door Complete Barngard R88 3'0" x 6'8" W/22" x 22" Lite
#BG884068 .... Door Complete Barngard R88 4'0" x 6'8"
#BG886068 ....Door Complete Barngard R88 Double Door 6'0" x 6'8"

Tri-Ply Tape
#844192 ....4" x 165' white
#844193 ....4" x 165' black

Barn Door

Specialty door designed to handle the extreme conditions of the confinement buildings. Insulated foam core is framed with dimensional lumber and both sides covered with a aluminum skin laminated to 3/8" plywood. The edges are capped with a rugged PVC U-channel. Doors are pre-hung with (3) 8" strap hinges on to the 2' x 4' frame and fully weather-stripped. Door slab comes pre-drilled for installation of the Dura Latch.
Now with stainless steel strap hinges.

#2668LSS ....30" Left barn door
#2668RSS.. 30" Right barn door
#3668LSS ....36" Left barn door
#3668RSS.. 36" Right barn door
#MMS3668KI ....Barn door trim kit
#1043 ....8" tee hinge w/ removable pin

SS Staples
• Box of 5000
#844194 .... 1" crown x 1" leg

Barn Door Trolley Parts

#712100 .... Round Rail Barn Door Track 12
#712101 ... Wheel Kit for Round Rail Track (sold per pair)

Barn Door Latch

Rugged, simple latching D-style door latch. Adjusts from 1/2" to 2" door slab. Galvanized steel construction with hardware. Great latch for any door or gate. Can be padlocked through handle. Weight: 1.2 lbs.

#806221 .... Whitcomb 1/2" to 2" door slab
#20700027 .... Latch 3/4" to 2-1/4" door slab

Stainless Steel Door Latch

The only completely stainless steel barn latch complete with SS hardware. Spring loaded plunger style latch that installs easily to any style door or gate. Fits up to a 2" door slab. Weight: 2.5 lbs.

#8000601501 .... Stainless Steel Door Latch

Tuff Latch

This massive built latch is the most dependable barn door latch on the market. Designed specifically for use in confinement buildings and recommended for use with our Barn Door. Electroplate finish that features 6x6 mounting plate and 3/8" thick striker arm. Includes mounting hardware and will fit up to 2" thick door slab. Weight: 6.5 lbs.

#001760 .... Tuff Latch

#80621

#HE115956

#HE803622

#606210

Entry Door Locksets

#80621 .... Schlage keyed entry lock set
#606210 .... Schlage passage set, no lock
#HE115956 .... Steel Harbor Economy Grade Satin Nickel
#HE803622 ... Kwikset Lockset Keyed Entry Satin Chrome

Universal Door & Gate Latch

#HE873013 Universal Door/Gate Latch $5.28

Safety Gate Latch Hook

Heavy-duty, self-locking latch prevents livestock from opening doors and gates. 6" long. plated galvanized finish.

#V2120 .... Safety Gate Latch Hook

Jam Latch

Cam Latch

Cam & Jam Latch

Dual purpose latch used to secure sliding doors. Durable galvanized finish with over-center cam style locking action.

#P188000 .... Cam & Jam Latch

Replacement Knee Braces

#8060100100	42" Knee Brace, Painted
#8061110100	8" Support Bar, Painted
#8060100200	42" Knee Brace, Galv.
#8061110200	8" Support Bar, Galv.

Handi-Foam
PROFESSIONAL POLYURETHANE FOAM SYSTEM SAVES ENERGY!

- **Fills holes and blocks access of insects and rodents**
- **Bonds to wood, metal, concrete and is paintable**
- **Comes with 9' hose, 1/4" brass nozzle and wand**
- **Tack free in approximately 10 minutes**
- **Can be trimmed in 1 hour with a full cure in 24 hours**

Handi-Foam Tank with Gun
#P11042 .... Handi-Foam Tank w. Gun

Dispersing Gun
#F61055 .... 7" Dispersing Gun

Gun & Hose Kit
#F62180 .... Gun & Hose Kit only (no tank)

Multi-Purpose Cleaner
#P10083 .... 12 oz. Cleaner

Handi-Foam - Black
#P30251 .... 24 oz. can (no gun)
#P30295 .... 29 oz. can (no gun)

Handi-Foam with Straw
#P30053 .... 12 oz. can - black w/ straw

1. **2.** **3.**

Great Stuff
- Insulating foam sealant
- 12 oz can
- Includes straw dispenser
- Seals up to one-inch wide gaps

#77282 .... 12 oz. can

EnerFoam Professional Gun Foam System
- Replaces up to 40 quart tubes of traditional caulk or adhesive.
- Fast curing. Foam can be trimmed in less than one hour. Initial skin time is less than six minutes! Faster than any other foam
- Unique mechanical valve. Spring loaded for reuse. Won't glue shut after use.
- Contains no solvents. Compatible with EPS foamboard.

1) #KENER13 ....Gun PRO13 for spray foam
2) #KDOW192268 ....Cleaner for gun (KENER13)
3) #KENER43 .... Foam spray black, 20 oz. bottle

Touch N Foam Insulation
- Triple expanding polyurethane foam
- Seals & insulates block and concrete
- For interior/exterior use

#292257 .... 12 oz. can
#09223330 .... 8 oz. can

PPD Panel
- 4' x 8" x 3/8" thick Fir plywood
- .030 High Density Polyethylene sheet laminated one side
- Use in non-contact animal areas
- Wt. 38 lbs.

#84574 ....4' x 8' plywood w/ .030 HDPE

FRP Panel
- 4' x 8" x 3/8" thick Fir plywood
- .050 textured fiberglass sheet laminated one side
- Use in animal contact area
- Wt. 41 lbs.

#84571 ....4' x 8' plywood w/ .050 FRP

Extruded Plastic Sheets

High Density Polyethylene sheets are the perfect choice whenever smooth, slick surfaces are desired. Can be sawed and nailed like wood and are waterproof and chemical resistant. Use the 1/8" thickness over existing plywood surfaces. 1/4" thickness and above can fastened directly to stud walls.

#1038.........................4' x 8' x 1/8", 21 lbs
#1034.........................4' x 8' x 1/4", 42 lbs
#1035.........................4' x 10' x 1/4", 52 lbs
#1036......................... 4' x 8' x 3/8", 62 lbs
#1037.........................4' x 8' x 1/2", 82 lbs

Corrugated PVC Liner

Durable, strong PVC sheets are excellent choice for lining the interior of confinement structures. These rust proof sheets are able to span 4' centers and still support ceiling insulation. See special one-stepper screws for fastening (Item# 805171).

#HSCL-338146 ....38" x 146"
#HSCL-338196 ....38" x 196"
#HSCL-338244........................ 38" x 244"

Batten Strips

The most effective type of covering for sealing and preventing damage to the seams between wall panels. Animals can't work them loose and damage panels. Predrilled holes for easy installation.

#84588................................. 8' x 1-3/4" aluminum

Nylon Drive Rivet

For fastening interior wall panels. Priced each.

#84576 .... 1/4" x 1-1/2"

Grip-Rite® PrimeGuard Coated Deck Screw
- Star T Drive
- Type 17 point
- Coarse thread
- Approx. pound/count shown

#805611 ....#8 x 2" long, 1 lb. 126 ct
#805615 ....#8 x 2" long, 5 lb. 630 ct
#805631....................#9 x 2-1/2" long, 1 lb. 87 ct
#805635 .... #9 x 2-1/2" long, 5 lb. 435 ct
#805621 .... #9 x 3" long, 1 lb. 73 ct
#805625 ....#9 x 3" long, 5 lb. 365 ct
#805641.................#10 x 3-1/2" long, 1 lb. 56 ct
#805645 .... #10 x 3-1/2" long, 5 lb. 280 ct
#805646 ....#10 x 4" long, 5 lb. 250 ct

Stainless Steel Star Drive Screws

Flat head for flush finish. Use for fastening interior sheets. Priced each. Sold in 100 piece bags.

#1030-1 .... #8 x 1-1/2"
#1031-1 .... #10 x 2-1/2"
#1032-1 .... #8 x 1-1/4"
#1033-1 ....#9 x 2" Phillips Drive

PVC AND POLYCARBONATE PANELS
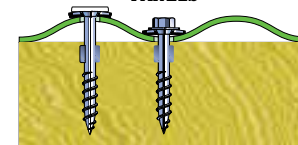
"One-Stepper" Screws

Self tapping, hex head with washer screws feature "wings" that drill out a larger hole to allow for expansion. Preferred fastener for installing corrugated PVC sheeting. Priced each.

#805171 .... #12 x 1-1/4" S.S
#ONESTEPPERS .... #12 x 1-3/4" Galv

Metal Screws

#80501 .... Galv. #9 x 1"
#80502.................................Galv. #10 x 1-1/2"
#80503 .... Galv. #9 x 2"
#80504 .... White #9 x 1"
#80517 ....White #9 x 1-1/2"
#MMS80506................................. White #10 x 2"

Stainless Steel Ring Shank Nails

For fastening interior wall panels. 136 nails per pound. Sold as 1 lb. quantities.

#1004040 ....10 ga x 1-3/4" 304 SS

SDS Heavy-Duty Connector Screw
- 125/box

#SDS25312MB .... 1/4" x 3.5" SDS

GE Silicone

Contractor grade silicone sealant offers excellent adhesion and durability for general purpose caulking applications. Stays flexible over a wide range of temperature extremes. For exterior and interior use to seal wall panels and exterior metal sheeting. Not recommended to paint. Applies white and dries clear.

#003030 ....White, 10.1 oz. cartridges

NP1

NP1 is a one-component flexible, polyurethane sealant for exterior and interior use. Can be used over a wide temperature range to seal cracks and seams. Can be used in high moisture areas. Available in white and gray.

#59500	White, 10.1 oz. cartridges
#59500G	Gray, 10.1 oz. cartridges
#59500B	Black, 10 oz. cartridges

S-Hooks

#60672	S-Hook Small 1" x .105"
#60677	S-Hook Medium 1-1/2" x .177"
#HSH044	S-Hook for Brooder 1-7/8" x .192" Uneven
#HSH045	S-Hook Large 2-1/4" x .262"

Bolts

Stainless Steel Hex Bolts

#60686	1/4" x 1" ss
#60619	1/4" x 1-1/2" ss
#606871	1/4" x 2" ss
#60506S	1/4" x 2-1/2" ss
#606191	1/4" x 3" ss
#605071S	1/4" x 3-1/2" ss
#605073S	1/4" x 4-1/2" ss
#605081	5/16" x 1/2" ss
#605082	5/16" x 3/4" ss
#605083	5/16" x 7/8" ss
#606872	5/16" x 1" ss
#605091	5/16" x 1-1/4" ss
#60510S	5/16" x 1-1/2" ss
#60511S	5/16" x 2" ss
#60512S	5/16" x 2-1/2" ss
#60513S	5/16" x 3" ss
#60523S	5/16" x 3-1/2" ss
#60689	5/16" x 4-1/2" ss
#605141	3/8" x 3/4" ss
#60617	3/8" x 1" ss
#605161	3/8" x 1-1/4" ss
#60610	3/8" x 1-1/2" ss
#60631	3/8" x 2" ss
#60519S	3/8" x 2-1/2" ss
#60633	3/8" x 3" ss
#606331	3/8" x 3-1/2" ss
#605212S	3/8" x 4-1/2" ss
#60534S	1/2" x 1" ss
#60536S	1/2" x 1-1/2" ss
#606874	1/2" x 2" ss
#60538S	1/2" x 2-1/2" ss
#60539S	1/2" x 3" ss
#60540S	1/2" x 3-1/2" ss
#60831	1/2" x 4-1/2" ss
#60828	1/2" x 5-1/2" ss

Zinc Hex Bolts

#60502	1/4" x 1"
#60504	1/4" x 1-1/2"
#60505	1/4" x 2"
#60506	1/4" x 2-1/2"
#60507	1/4" x 3"
#60592	1/4" x 3-1/2"
#60594	1/4" x 4-1/2"
#605071	5/16" x 1/2"
#60508	5/16" x 3/4"
#60509	5/16" x 1"
#605092	5/16" x 1-1/4"
#60510	5/16" x 1-1/2"
#60511	5/16" x 2"
#60512	5/16" x 2-1/2"
#60513	5/16" x 3"
#60523	5/16" x 3-1/2"
#60562	5/16" x 4-1/2"
#60514	3/8" x 3/4"
#60515	3/8" x 1"
#60516	3/8" x 1-1/4"
#60517	3/8" x 1-1/2"
#60518	3/8" x 2"
#60519	3/8" x 2-1/2"
#60520	3/8" x 3"
#60521	3/8" x 3-1/2"
#60825	3/8" x 4-1/2"
#60534	1/2" x 1"
#60535	1/2" x 1-1/4"
#60536	1/2" x 1-1/2"
#60537	1/2" x 2"
#60538	1/2" x 2-1/2"
#60539	1/2" x 3"
#60540	1/2" x 3-1/2"
#60542	1/2" x 4-1/2"
#60550	1/2" x 5-1/2"

Stainless Steel Hex Nuts

#60602	1/4"
#60618	5/16"
#60606	3/8"
#606061	1/2"

Zinc Hex Nuts

#60570	1/4"
#60571	5/16"
#60572	3/8"
#60574	1/2"

Stainless Steel Lock Nuts

#60603	1/4"
#60692	5/16"
#60612	3/8"
#60693	1/2"

Zinc Lock Nuts

#60680	1/4"
#60681	5/16"
#60682	3/8"
#60683	1/2"

Stainless Steel Washers

#60579	1/4" – flat
#605791	1/4" SS fender washer
#60580	5/16" – flat
#60583	1/2" – flat
#60670	3/8" x 1-1/2" – flat fender-thick
#60581S	3/8" x 1-1/2" – thin
#60581	3/8" – flat

Titan Screw Anchor
• Zinc Coated

#THDB62612H ....Anchor 5/8 X 6.5", 10 Pack

Stainless Steel Hinge

#10393 ....3" x 3" Stainless Steel Hinge

Stainless Steel Wedge Anchors

#606552	1/4" x 1-3/4" ss
#606625	1/4" x 2-1/4" ss
#HSWA-3823S	3/8" x 2-3/4" ss
#HSWA-3830S	3/8" x 3" ss
#606556	3/8" x 5" ss
#HSWA-1223S	1/2" x 2-3/4" ss
#606755	1/2" x 3-3/4" ss

Galvanized Steel Wedge Anchors

#60719	3/8" x 2-1/4"
#HSWA-3823	3/8" x 2-3/4"
#60722	3/8" x 3"
#60721	3/8" x 3-3/4"
#HSWA-3850	3/8"-16 x 5"
#HSCPA-1223	1/2" x 2-3/4"
#90361	1/2" x 4-1/4"

Stainless Steel Lag Bolts

#607161	1/4" x 2"
#606873	5/16" x 2"
#606876	5/16" x 2-1/2"
#605131	5/16" x 3"
#605231	5/16" x 3-1/2"
#606431	3/8" x 2"
#605201	3/8" x 3"
#606441	3/8" x 3-1/2"

Galvanized Lag Bolts

#606427	5/16" x 2"
#60643	3/8" x 2"
#60645	3/8" x 2-1/2"
#606436	3/8" x 3"
#60644	3/8" x 3-1/2"

Stainless Steel J-Bolts

#607112	3/8" x 2-3/4"
#607091	3/8" x 3-3/8"
#607092	3/8" x 3-1/2"
#60710	3/8" x 4-3/8"
#60711	3/8" x 5-3/4"
#60712	3/8" x 6-1/4"
#60714	3/8" x 6-3/4"
#607113	3/8" x 6-7/8" – square
#607114	3/8" x 6-1/4" – square

Latch Hook and Eye

#N226-381	6" long

Cable Clamps Stainless Steel

#617321	1/8"
#617331	3/16"
#82975	1/4"
#6173561	5/16"
#61735	3/8"

Cable Clamps Galvanized

#61732	1/8" – Hot Dipped
#61733	3/16" – Hot Dipped
#61734	1/4" – Hot Dipped
#617356	5/16" – Hot Dipped
#617351	3/8" – Hot Dipped

Galvanized U-Bolts

• Great for attaching pipes or tubes to gates or g-stalls

#60702	1" 1-3/8" x 5/16"
#60649	1" x 2-1/2" x 5/16"
#606501	2.73" x 3-1/2" x 5/16"
#60650	3" x 3-1/2" x 5/16"

Spring Snaps

#10385	5/16" Zinc
#10384	1/4" Zinc

Stainless Steel Quick Link

#597082	3/16"

Galvanized Quick Link

#59708	3/16"
#597081	5/16"
#597080	1/4"
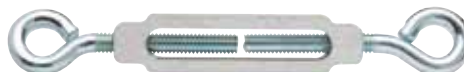
Aluminum Turnbuckle

#59712	5/16" x 6" – Closed Length

Galvanized & Stainless Steel Cup Hooks

#HSH070	5/16" x 3-1/2"
#606655	1/4" x 3-3/4" SS
#60665	1/4" x 3-1/2"

#2/0 Straight Link

• Use for hanging waterers

#60676	#2/0 Straight Link

#1 Stainless Steel Chain

• For hanging feed systems
• 2' of length for every 4' auger length

#606733	#1 Stainless Steel Chain

#2 Bowtye Weldless Chain

• Zinc
• Use for extra support for outside feed lines.

#60673	#2 Bowtye Weldless Chain

#2/0 Bowtye Weldless Chain

• 100' only
• Zinc
• Use for hanging feed lines and high-pressure pipes

#60678	#2/0 Bowtye Weldless Chain

K-Clamps

#HSH011	1/2"
#HSH012	3/4"
#HSH013	1"
#HSH015	2"
#HSH016	2-1/2"
#HSH017	3"
#5330031200	2" feed pipe clamp kit, for 1-1/2" upright, galvanized

#DI78PRLD72SV1

#DI78PRLEDV1

Rotem
RLD-7.2digital / RLD-14digital

The RLD-7.2 is Rotem's two-channel digital light dimmer. This powerful dimmer can be directly controlled by your poultry house controller through either its analog output (0-10 volt) or through its communication line. The RLD-7.2 is designed to be easy, safe and comfortable for installation, maintenance and service. The RLD-7.2 manual control enables setup of maximum light intensity, setup of time for gradual change in light intensity from zero to the preset maximum and also automatic shut down timer. The farmer can turn on the light which will gradually go to its preset maximum intensity, perform his mission and continue to his next challenge. The light will shut down gradually after preset amount of time.

Features:
• Two independent channels
• Heavy duty 40 Ampere TRIAC for each channel
• 7,200 Watts (115 Volt), 14,400 Watts (230 Volt), 50/60 Hz
• Stable operation in low brightness (voltage)
• Manual / Off / Auto mode for each channel

• Settings are saved automatically
• Settings are recovered after power failure
• Rugged terminals for the power cables
• Simple key hole mounting
• Water tight seals for cable entry

#DI78PRLD72SV1...................Rotem Digital Light Dimmer and Card, for 110V
#DI78PRLD72V1...Rotem Digital Light Dimmer only
#DI78PRLEDV1...Rotem LED Dimmer

The Performer MR
Digital Poultry House Dimmers
• Keypad adjusts light level more accurately than rotary dial
• Independent control of two separate circuits
• Full timer function with manual override
• LED models have four unique programmable settings to adapt to multiple types of LEDs.
• Digital display
• 120 V, 60 Hz

#PLS-7200

#PLS-MR4-PTC-LED

#PLS-7200..........................PLS-7200 7200 Watt (not for use with LED bulbs)
#PLS-MR4-M-LED............................Manual Dimmer for LED bulbs PLS-2400
#PLS-MR4-PTC-LED....Auto Dimmer for LED Bulbs With Auto Controller PLS-2400

Precision's 2K Green Reverse Phase/Trailing Edge Dimmer

2000 watt reverse phase light dimmer. This technology offers advantages over Traic or SCR dimmers including soft start, increased noise immunity, and increased bulb life. Tested with many types of bulbs including: CFL, CCF, LED, and Incandescent.

#2KGREEN................ Precision 2K Green Reverse Phase/Trailing Edge Dimmer

Rotary Dimmer
• Full range rotary dimming.
• Ground lead provided.
• Fits in a standard toggle wall plate.
• RFI protected.
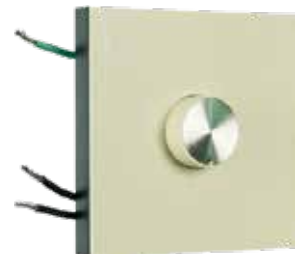
#520081.................... 2000 Watt Single Pole Pass & Seymour Rotary Dimmer

Propagator 3 Sodium Vapor Light Fixture
Includes:
150 watt bulb
16 ga. aluminum body
Non-dimmable
#520541... 1.5 amp
#52054...3.5 amp

Mark IV Sodium Vapor Light Fixture
• Includes 150 Watt bulb
• 1.5 amp

#M4150HPF .... 120 Volt

High Pressure Sodium Light
• 1.5 Amp
• 150 Watt
• 5" Reflector

#M4-150W-HPF-5......High Pressure Sodium Light

#52062.....................150 Watt Sodium Vapor Bulb

#HPSSOCKET-S ....Replacement socket

130-volt Incandescent Bulbs

#S3940...............................25W A19 Clear, 2-pack

#520542 ....Ballast - 1.5 Amp 150 Watt

#520543 ....Capacitor - 1.5 150 Watt

Dusk-to-Dawn LED Security Light

Constructed with a die-cast aluminum housing and vandal-resistant poly-carbonate refractor. Mounts with integral three-hole flange on housing or included 900 extension arm. 120-277 Volt, 50 watt input power with 120V photocell included.

#DDLED50W.....Dusk-to-Dawn LED Security Light

Compact Fluorescent Bulbs

Item#	Type	Watt	Kelvin	Lumens
#101245000	CFL	23	5000	1525
#399205	CFL	40	2700	2700
#399403	CFL	55	2700	3700

greenlite
Greenlite Shatterproof LED Bulbs

- Up to 25,000 hour lamp life
- Shatterproof Globe
- Damp Location Approved
- Specifically engineered for harsh agricultural environments.
- Rated for agricultural use not just residential like many other bulbs.

Item#	Watt	Kelvin	Lumens	Dimmable
#42362	6	3000	480	Yes
#48684	6	5000	600	Yes
#48507	9	5000	800	Yes
#48286	9	3000	NA	No
#36255	12	5000	1200	No
#48844	15	5000	1600	Yes
#48583	20	3000	2150	Yes
#48586	22	5000	2550	Yes

luma vue
LED Poultry Light

CALL FOR CASE QUANTITY DISCOUNTS!

- Registers zero energy when dimmed to 30%
- Uses 6.7W at maximum power
- 1600 light distribution
- Fastest return on investment (ROI) in the industry
- Robust design – IP65 rated
- Bulbs are fully dimmable
- Recipient for the $1.6M Arkansas Energy Efficient Poultry Lighting Grant

#LEDPAR38DIM6-5W............. LED lamp, Par 38, Dimmable, 6.5 Watt, 4100K

Bulb Type	Luma Vue LED	Incandescent	10W CFL	10W LED	15W LED
Energy Used*	$10.38	$152.64	$38.56	$38.56	$54.27
Life of Bulb	40K Hrs	5K Hrs	10K Hrs	40K Hrs	40K Hrs

*Average energy used per flock based on 50 bulbs per poultry house.

Verbatim
Technology you can trust
Verbatim LED Bulbs

Verbatim LED bulbs are matched to smooth dim with the Performer MR dimmers without flickering. Verbatim bulbs feature a 5-year, non-prorated warranty.

Item#	Type	Watt	Kelvin	Lumens
#LED-9W-50KPLS-V	A19	9	5000	800
#LED9W/30KDIM	A19	9	3000	800

Overdrive
Overdrive LED Bulbs
Dimmable & Non Dimmable

- Lamp Type: LED A19 Bulb–Diffused Cover
- E26 (Medium Base); A19 Shape
- Lamp Wattage: 6W
  (60W Incandescent Replacement, based on floor lux)
- LED Type: 10 nos. x 0.45W – SMD (LM80)
- Reliable Operating Temperature: –40 F to 1130 F
- Color Temperature: 3000K or 5000K
- Specifically engineered for harsh agricultural environments.
- Rated for agricultural use not just residential like many other LED bulbs.

732, OD733 and 734 feature a Wet Location Gasket

Item#	Watt	Kelvin	Lumens	Dimmable
#751	6	3000	480	Yes
#732	6	5000	530	Yes
#793	9.5	5000	900	No
#792	9.5	2700	810	No
#OD733	10	3000	950	Yes
#734	10	5000	1050	Yes
#665	20	5000	2700	No
#699	11.5	5000	1100	Yes
#698	15	5000	1600	Yes

AG LIGHTING
INNOVATIONS
AG 25 LED Fixture

The AG 25 is more than a bulb, it's a lighting fixture. A great choice for retrofits because it eliminates the need for jelly jars and keyless fixtures.

- Brighter with 2165 Lumens – more light less fixtures
- More uniformity with 30-foot layout
- 5-Year full replacement warranty
- Waterproof I-65 rating
- 25 Watt
- Dimmable

#ALI01 .... 3000K
#ALI02 .... 5000K

Porcelain & Plastic Keyless Sockets

Nickel-plated brass screw shell keyless sockets are recommended for dimmable fluorescents to decrease failure rates and improve dimming performance.

#HE612405 ....Porcelain Socket w/ 6" lead
#EPC16510 ....Phenolic Plastic Socket w/ Nickel-Plated Brass Screwshell, no lead
#EPC16500 ....Porcelain Socket w/ Nickel-Plated Brass Screwshell, no lead
#EPC16524 ....Phenolic Plastic Socket w/ Nickel-Plated Brass Screwshell, 7" lead
#EPC16520 ....Porcelain Socket w/ Nickel-Plated Brass Screwshell, 7" lead

#HE612405   #EPC16510   #EPC16524   #EPC16520

Orion LED Apollo® Circline Ag

Hardwired fixture includes (2) wire nuts, (2) lock nuts, driver plate and mounting plate bracket.

- 29 Watt
- 120 Volt
- 5,000 Kelvin
- Acrylic lens
- Polycarbonate flat base
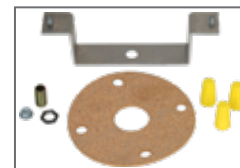
#OWLEDHW5K ....LED Light

Scepter Light Base

One piece fixture base constructed of glass reinforced polyester resin. Accepts 3/4" conduit. Porcelain socket with brass insert resists heat buildup. Rated for Maximum 150 watt. 12.8 oz. Ideal for use in the harshest environment. Waterproof.

#10120 ....Scepter
#72231 ....Replacement porcelain socket

#72231

Light Base & Light Mount Base

- Rated at 150 Watt
- Ceiling mount base only
- Threaded
- 8 oz.

#1) #FE1059 ....Base for light, rated at 150-Watt
#2) #88092 ....1/2" Ceiling mount - threaded
#10185 ....3/4" Ceiling mount - threaded
#88056 ....Light base w/ glass globe
#880561 ....Light base w/ 7" plastic globe

1.   2.

Glass Globes

Glass light globe for use with incandescent bulbs up to 100 watt. The outside diameter of the jar mouth is 3.25" and the total height is 6.75".

#88057 ....Glass Globes

Overdrive LED Jelly Jar Retrofit Fixture

14 watt 5,000K LED light bulb with a specially designed fixture that replaces standard jar and bulb combinations. Pre-wired, E26 base screws into existing bulb socket and the body screws into most existing jelly jar fixtures. 1,400 Lumens.

#652 ....LED Jelly Jar Retrofit Fixture

Plastic Globes

- More durable
- Waterproof
- Protects lamp against breakage
- For use with up to 60-watt incandescent bulb

#HSLC825 ....8-1/4" long
#HSLC700 ....7" long

Vapor Tight Ceiling Fixture

- Mounts to 3/4" or 1/2" conduit
- Flanged screw mounts for easy installation/removal
- Cast aluminum housing with clear glass globe
- UL/CUL Listed for wet locations
- 120V 150 watt max
- Dimensions: 9"L x 4.5"W x 4.5"H
- Color: Gray

#NSIVTB15012 ....Vapor tight ceiling fixture

Attach-On Sockets

#612445   #EPC16022

#612445 .... Attach-On Standard Socket brass contact
#EPC16022 ......Attach-On Standard Socket nickel contact

Switch Covers

#FE59143 ....single gang toggle
#E9G2SSN ....double gang toggle

#5266X

#5466X

Straight Blade Plugs

#5266X.........Plug 2-pole 125 Volt, 15 Amp 5-15P
#5466X........Plug 2-pole 250 Volt, 20 Amp 6-20P

#88009   #88005

#88010

Male Plugs

#88009.. 15-Amp, 120-Volt
#88005..................................15-Amp, 220-Volt
#88010.................................. 20-Amp, 250-Volt

#88040

#88041

Female Plugs

#88040....................................... 15-Amp, 120-Volt
#88041 .... 20-Amp, 240-Volt

#HSEL100106   #880425

#HSEL100125   #HSEL100123

Wall Receptacles

#HSEL100106 ....Duplex, 15-Amp, 120-Volt
#HSEL10035 ... Crowfoot, 50-Amp, 125/250-Volt, black
#HSEL100125.......Straight blade, 20-Amp, 250-Volt, 6-20R
#HSEL100123......Twist Lock, single, 15-Amp, 220-Volt

Male Plug Twist & Lock

#L615-P 15-Amp, 250-Volt

Female Plug Twist & Lock

#L615-C..15-Amp, 250-Volt
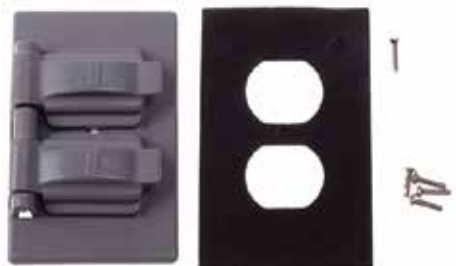
1 Gang Duplex Cover

#S1962 .... weatherproof vertical/horizontal mount

1 Gang Blank Cover

#8802083...............weatherproof w/ 4 SS screws

#HSEL100022   #HSEL100006

#HSEL100002   #HSEL100024

Switches

#HSEL100022.......Single Pole, 20-Amp, 120-Volt
#HSEL100002........................ Single Pole, 15-Amp
#HSEL100024......................Double Pole, 15-Amp
#HSEL100029......................Double Pole, 20-Amp
#HSEL100006.... 3-way, 15-Amp, 120-Volt, ivory

1 Gang Vertical Receptacle Box Cover

#HSEL100234....................weatherproof, 50-Amp
#S1961................................. weatherproof, 15-Amp

1 Gang Horizontal Duplex Box Cover

#E98DHGN-CAR .... weatherproof

In Use Weatherproof Receptacle Clear Cover

• Accepts single/double gang

#WP3100C...................................GFI, Toggle switch

Duplex/Toggle Switch Box Cover

• 1 gang
• Weatherproof

#E9G2DSN-CAR......................vertical mount, gray

#59135-020

#57135-000

Proximity Switch
• for Brock Scale
#59135-020................... Proximity switch (shown)
#57135-000...................Magnetic Switch Actuator
for weigh scales (no wires)

Snap Action Switch
• for Chore-Time
#EL1056 ....Chore-Time linear lift switch

Unimax Switch
• AA-421 with roller
#C4604.......Chore-Time fill system control switch

Micro Switch
• Tall button
#EL0996..... Chore-Time hopper switch for C2912

Micro Switch
• for Chore-Time & Cumberland Control Pans
#EL0997.. Micro Switch

15 Amp Switch
• Harkins Hopper Control Switch
#EL0998... Micro Switch

Push Switch
• Cumberland GFLX-3802 hopper switch
#EL0999...........................SPDT manual/automatic

Limit Switch
• 2 per machine needed
#EL1059..........AT Newell curtain machine switch

Whisker Switch
• for Spinks & Roxell switch applications
#IS005150 ....Complete switch

Paddle Switch
• for G07051400 hopper control
#EL1142..Paddle Switch

Switch
• Feed Control Pan, Hopper & Fill Control Switch
• Replaces switches: C46678, 6X289, GC2200025
#EL1052 ....20-Amp (Long Lever)
#EL1052M............................ 20-Amp (Short Lever)

Micro Switch
• for AP Drop Tube Switch
#EL1052AP ....AP OEM# S-8297

Flex Flow Safety Limit Switch
#GS-7707................................. Safety Limit Switch

Micro Switch
#EL1141 .... 2 Terminal Micro Switch

Micro Switch
#EL1067 .... for Cumberland Plunger Control Pans

Universal 8-Pin Relays
#5X848................................DPDT, 8 Pins, 240 VAC
#5X847..................................DPDT, 8 Pins, 120 VAC

Relay
#3X742.........11-Pin Octal 3PDT 120 VAC coil 10-Amp

Relay
#EL1008.....25-Amp 240 V DPST 6-screw terminals
#2XC20.......25-Amp 120 V DPST 6-screw terminals
#2XC19........Magnet Blowout DPST 6-Pin 24 VAC

Relay
#EL1015...................Plug In DPDT 3-Wire 120 VAC
#EL1066................. Plug In DPDT 3-Wire 240 VAC

Relay
#EL1014...DPST 120 V
#EL1070..DPDT 240 V

Relay
#EL1010 ....Coil 120 V DPST 25-Amp
Double Pole Normally Open 6 Spade
#EL1054 .... Coil 240 V DPST 25-Amp
Douoble Pole Normally Open 6 Spade

Relay
#EL1013...................................3PDT Cube 120 VAC

Omron Relays
#EL1084...................... SPST 240 V w/ Test Button
#EL934.................. Power Relay SPST 120 V 4 Pin
#EL935.................... Power Relay SPST 24 V 4 Pin

Omron Relay
#EL1060.....240 V 14-pin Chore-Time Rooster Winch

Relay
#3X740.................................... 12-Amp 8 Pin 240 V
#5X827......Octal Base 12A, 120 VAC Coil, DPDT 8-pin

Relay Base
#59092...51x00120 8-pin
#59094.. 6x156 11-pin

Relay
#EL1246..DPDT 120 VAC

Relay Plug
#EL1009...................... Relay plug DPST 240 V Coil

Contactor
#DP30C2P-1 .... 2-Pole 30-Amp 120 V Chint Brand
#DP30C2P-2 .... 2-Pole 30-Amp 240 V Chint Brand

Contactor
#5330102........ 3-Pole 40-Amp 120 V Chint Brand
#5330104.............. 3-Pole 40-Amp 240 V Chint Brand

Micro Switch
• for timer GAP-0990
#EL1040..AP OEM# 1740

Micro Switch
• for Chore-Time
#EL1052M......................................OEM# 46091

Relay
• for AP/Chore-Time
#EL1008................................Relay for proxy switch

Toggle Switch
• SPST Carling
#EL1000.............................. 10-Amp, 250 V 3/4 Hp

Toggle Switch
• 3 prong SPDT w/Ctr Pos
#EL1001 .... 10 Amp, 250 V 3/4 Hp K1406

Toggle Switch
• 3 prong SPDT
#EL1002.............................. 10-Amp, 250 V 3/4 Hp

Toggle Switcn
• 3 prong SPDT Tab w/screw
#EL1003................................10 Amp, 250 V 3/4 Hp

Toggle Switch
• 4 prong DPST
#EL1004.............................. 10-Amp, 250 V 3/4 Hp

Toggle Switch
• 6 prong DPDT w/Ctr off
#EL1005..............................10 Amp, 250 V 3/4 Hp

Toggle Switch
• 6 prong DPDT
#EL1006.............................. 10-Amp, 250 V 3/4 Hp

Toggle Switch
• TPDT
#EL1007 .... 10-Amp, 250 V 3/4 Hp

Toggle Switch
• 4-prong DPST
#EL1011 .... 20 Amp, 250 V 1-1/2 Hp

Contactor
• Square D

#5B111 ....2-Pole 40-Amp 208/240 V
#5B112 ....2-Pole 40-Amp 120 V Coil
#5B103 ....2-Pole 50-Amp 24 V Coil

Contactor
• Square D

#5KAK3 ...3-Pole 30-Amp Resistive Full Load 40 Amp
#5KAK0 ....3 Pole 30 Amp 120VAC Open

Contactor
• Square D

#5B130 ....1-Pole 25-Amp 120 V

Contactor
• Square D

#5B131 ....2-Pole 20-Amp 24 VAC
#5330105 .... 2-Pole 30-Amp 24 V

Contactor
• Square D

#5330106 ....4-Pole 25-Amp 120 VAC

Fuses

#EL1027 ....5-Amp Slo Blo fuse, 5-Pk
#EL1030 .... 10-Amp Slo Blo fuse, 5-Pk
#EL1031 .... 15-Amp Slo Blo fuse, 5-Pk
#EL1048 .... 10-Amp Fuse
#EL1051 .... 1-Amp Fuse, 5-Pk

Single Gang Rectangular Non-Metallic Box

#SES077291 ...3" x 1" dbl. access, 3/4", 1/2" adapters
#10186 ....3" x 1" single access, 3/4", 1/2" adapters

Junction Box

#CARLNE989R .... 12" x 12" x 6", lid, gasket
#CARLNE989UUN .... 12" x 12" x 4", lid, gasket
#CARLNE989N ....8" x 8" x 4", lid, gasket
#E989NNJ ... 4" x 4" x 2" Non-metallic, lid, gasket

Reducing Bushing

#10192 ....3/4" x 1/2" SCH 40

Male Terminal Adapter

#10196 ....3/4" rigid non-metallic conduit
#E943D .... 1/2" rigid non-metallic conduit

Female Adapter

#CARLNE942D .... 1/2" SCH 40 Non-metallic*
#10195 ....3/4" rigid non-metallic
*Also serves as a 3/4 slip to 1/2 female thread reducing bushing

Conduit Fitting Locknuts

#88024 ....Steel, 3/4"
#88025 ....Steel, 1/2"

T Style Conduit Body
• Non-metallic
• Rigid

#T07... 3/4", Type T
#101902 ....1/2", Type T

LB Style Conduit Body
• Non-metallic
• Rigid

#E986E.................................... 3/4", Type LB
#E986D.................................... 1/2", Type LB

Type C Conduit Body
• Non-metallic
• Rigid

#101901 .... 1/2", Type C
#E987E..................................... 3/4", Type C

Bell End Conduit
• Non-metallic
• Rigid

#HSEL200002 ....3/4" conduit w/bell end
#HSEL200001 .... 1/2" conduit w/bell end

45⁰ Elbow
• Non-metallic
• Rigid

#UA7AD ....1/2" x 450 SCH 40 standard
#UA7AE .... 3/4" x 450 SCH 40 standard

90⁰ Elbow
• Non-metallic
• Rigid

#HSEL200026 ....1/2" x 900 SCH 40 standard
#HSEL200027 .... 3/4" x 900 SCH 40 standard

Access Pull Elbow

#E990DR...................................... 1/2" non-metallic
#E990ER...................................... 3/4" non-metallic

Rigid Conduit Coupling

#880237 ....3/4" rigid non-metallic
#88026.............................. 1/2" rigid non-metallic

End Caps

#10194...................................3/4" cap non-metallic
#CARLNE958D.................... 1/2" cap non-metallic

Controller & Alarm Sensor Wire

#HS2427 .... Yellow 18/2 (per ft)
#55065...Gray 18/2 (per ft)
#57572902 .... 18/3 (per ft)
#184SC .... 18/4 (1000' rolls)
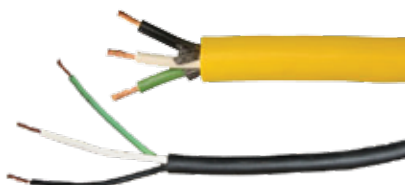
14/3 Cord
• Sold per foot or bulk 250' rolls

#88031 .... Bulk Cord 14/3 Black
#KT143COR ....Bulk Cord 14/3 Yellow

Cable

#88033.............Rubber coated, 4-wire, 16-gauge

#61646   #LPCG5O7   #PWPCGPG12NTB

Liquid Tight Cord Connector

#61646... 1/2" conduit, SO cord size 1/4" to 1/2", black
#LPCG5O7 ... 1/2" conduit, SO cord size 3/8" to 3/4" avay
#PWPCGPG12NTB ....Cable Gland 1/2" black

Cord Sets

#HSCS-002......................................9', 240 V, 14/3
#88088..12', 120 V, 14/3
#HSCS-001 ....Flush control, 110 Volt, 9', 14/3

#FC ....9', 220V, Standard Plug, 16/3
#143CS6-15P-12 ....12', 220 V, 14/3
#EL1037 ....21", 240 V, w/ s-hook & terminals

Terminals
• Insulated

#EL1044 .... .250" x .032" 16/14 gauge Blue
#EL1045 .... 250" 16/14 gauge Blue Flag

Terminals
• Insulated

#EL1047 .... #10 16/14–gauge Blue Ring
#EL1046 .... .250" x .032" 16/14-gauge Blue Piggy Back

Breaker Circuits
• Square D

#QO215 .... 2–Pole 15–Amp QO Type
#QO220 .... 2–Pole 20–Amp QO Type
#QO115 .... 1–Pole 15–Amp QO Type
#QO120 .... 1–Pole 20–Amp QO Type

Breaker Panel

#QO140M200RB .... w/main breaker 200–Amp

Main Breaker Load Center
• Square D

#QO120M100RB ...... 100–Amp, 20–space 240/110 V

Clic Clamp Pipe Hanger

Nylon hangers for easy hanging and spacing of wires, pipes, cable and tubing. Attach to walls or ceilings and push piping into the jaws until the "click" noise indicates a secure closure. Clic clamps also release easily so they can be reused if needed.

#FC20 .... 1/2"
#FC25 .... 3/4"
#FC26 .... 1"
#FC47 .... 1–1/2"
#FC59 .... 2'

Galvanized 1–Hole Pipe Straps

#60395 .... 1/2"
#HSH030 .... 3/4"

Galvanized 2–Hole Pipe Straps

#60137 .... 1/2"
#HSH028 .... 3/4"
#HSH029 .... 1"

PVC Coated 2–Hole Pipe Straps

Corrosion resistant fasteners in a wide array of sizes to hang sensors and electrical wire, PVC and metal pipe, and large tubing.

#6012801 .... 3/8"
#6012802 .... 1/2"
#6012803 .... 3/4"
#6012804 .... 1"
#6012805 .... 1–1/4"
#6012806 .... 1–1/2"
#6012807 .... 2"
#6012808 .... 2–1/2"
#6012809 .... 3"
#6012810 .... 4"

Wire Connectors
• Package of 25

#WNB25 .... Blue, twist–on size 22–14
#WNR25 .... Red, twist–on size 18–8
#WNY25 .... Yellow, twist–on size 18–10
#WNO25 .... Orange, twist–on size 22–14

Electrical Tape

#88048 .... 3/4" x 60' 7 Mil

Cable Ties
Sold in bags of 100

#HE461713 .... 4" UV black
#305133640 .... 8" UV black
#HE461763 .... 12" UV black
#FP99050001 .... 7–1/2" natural

No Pre-Mix Hose End Sprayer

- No pre-mixing - set metering dial for required dilution; concentrate & water will automatically be mixed at set rate.
- Metering dial automatically be mixed at set rate. Metering dial selects from 16 mixing ratios; 1 teaspoon up to 10 tablespoons.
- Sprays up to 100 gallons, remove the deflector for solid stream coverage up to 30'.
- Operates on water pressures ranging from 45-60psi.
- Built-in anti-siphon device prevents back flow, unused chemicals can be returned to the container.

#HH13621115 .... No Pre-Mix Hose End Sprayer

CHAPIN
4 Gallon Backpack Sprayer

- Padded shoulder straps lets operator carry a full sprayer for hours in comfort.
- Side pump handle allows pressure to be recharged without removing backpack.
- Features durable, lightweight polyethylene tank which is non-corrosive to most fertilizers, herbicides and pesticides.
- Translucent poly tank permits easy viewing of liquid levels.
- Removable four-stage filter.
- Features adjustable 3-piece nozzle system

#CH61575 .... 4-gal. backpack sprayer

CHAPIN
1-Gallon Pump Sprayer

- Features durable, lightweight polyethylene tank which is non-corrosive to most fertilizers, herbicides and pesticides.
- Translucent poly tank allows easy viewing of liquid levels.
- Patent SureSpray® filter prevents most debris from clogging hose.
- Funnel top for easy filling.
- Pressure relief valve to remove compressed air before opening to fill.

#CH20075 .... 1 gal. pump sprayer

HydroFoamer

Delivers disinfectant as thick, clinging foam to improve its effective power. Foam clings to vertical surfaces and promotes better coverage because operators can see where the disinfectant has been applied. Applicator connects to a regular garden hose, and its large, 48-oz. bottle is filled directly with disinfectant concentrate. Dilution rate is Max 128:1 Min 12:1.

#HS483 .... HydroFoamer

HydroSprayer

Preset applicator with 1/2 oz. per gallon tip. Ideal for apply high volume saturation of Tek-Trol at low pressures. Saves on wastage and improves chemical performance.

#TEK-002 .... Tek-Trol applicator, quart, liquid

High-Pressure Foamer

Foamer attachement for use with high pressure sprayers; includes wide mouth, 64-oz tank. Constructed of corrosion-resistance stainless steel and plastic with five chemical mixture settings. Rated for 3625 psi and 5.2 gpm with max temperature rating of 176°F. Unique design reduces chemical consumption by up to 50% compared to other foamers.

#NPST732 .... High-Pressure Foamer

Kick Away™ Boot Scraper

Heavy duty, commercial grade boot scraper with durable powder coated steel frame and base. Features built in scraper on each sides. Poly brush mounts with extra stiff nylon bristles. Mounting screws and anchors included. No assembly required. Dimensions: 7.5"H x 9.5"W.

#KAHD1 .... Commercial Model w/ base
#KAHDRB1 .... Replacement Brush Set

EZ Disinfectant Pan

Covered foot pan reduces contamination of disinfectants. Includes 36" handle for ease of opening and closing. Metal pan measures 16" x 14" x 2" deep.

#IS9601-001 .... EZ Disinfectant Pan

Disinfection Mat

Our highest quality entrance mat. Constructed of foam core covered by a tough poly mesh with non-permeable bottom and sides to contain the disinfectant solution. The mat's extra capacity, of approximately 2 gallons, keeps solution fresher. The extra width prevents "walk-arounds" at entrance doors. We found the mats to hold solution better on uneven surfaces than other types we've used.

#4593424 .... 34" x 24" x 1" deep

Black Disinfectant Mat

Thousands of rubber fingers cover the mat surface to dislodge debris from boot soles. Recessed mat holds up to one gallon solution.

#TM222 .... 24" x 36"

Disinfection Mat

#802000 .... 24" x 32" Disinfection Mat

Rubber Disinfectant Pan & Tub

#HP3 .... 3-gal. pan, 17-1/2" dia x 4-1/2" high
#HP650 .... 6.5-gal. tub, 18" dia. x 8" high

MOLDEX®

Respiratory Protection

- Dura-Mesh® outer shell retains its shape in moist conditions.
- Soft foam nose cushion provides secure fit without metal straps.
- Double straps holds mask firmly.

1. 2. 3.

1) #790131 ....Dust Mask 2200N95, Low-cost protection, 20/box, Med/Large
2) #790130 ....Dust & Mist Respirator 2300N95, Exhale valve quickly releases exhaled air, 10/box, Med/Large
3) #790195 ....Dust & Mist Respirator 2400N95, Charcoal filter reduces nuisance odors, 10/box, Med/Large

7000 & 9000 Series Reusable Masks

Moldex designed the 7000 half mask and 9000 full face series to be the most user friendly reusable respirators on the market. Featuring fewer parts, minimal maintenance, and a wider field of vision. Ultra-lightweight, durable, and economical, providing maximum comfort with extended use.

#797112   #797002   #797942

Item#	OEM#	Description
#797112	7112	Moldex 7000 Half Mask Medium for Pesticide, Organic Vapor use w/ N95 Prefilter Assy
#797002	7002	Moldex 7000 Half Mask Only
#797942	7942	Moldex 7000 Half Mask Medium w/ P100 HEPA Filter Assy.
#799002	9002	Moldex 9000 Full Mask Only
#797920	7920	Piggyback Adapter for P100 Filter pair
#797940	7940	Replacement P100 Filter pair
#378910	8910	N95 Particulate Filter (5 pair)
#377020	7020	N95 Filter Retainer pair
#377600	7600	Replacement Multi-Gas Smart Cartridge

Medical Style Dust Mask

- 50 per box

#470700.............................Medical Style Dust Mask

GERSON
Nuisance Mask

Non-rated nuisance mask which reduces irritating effects of non-toxic particles such as dust, pollen and cut grass. Paper construction with adjustable nose piece and single strap.

#7901008.............................Nuisance mask, 50/ box

3M Particulate Respirators

3M disposable particulate respirators are designed to provide comfortable, reliable protection against certain organic particles. These face pieces feature adjustable nose-clips and dual head bands for a better seal and a secure fit. Carbon layer on R95 models help reduce nuisance levels of gas and vapors. Cool Flow™ Exhalation Valve reduces heat build-up inside the respirator for greater comfort.

A.   B.   C.
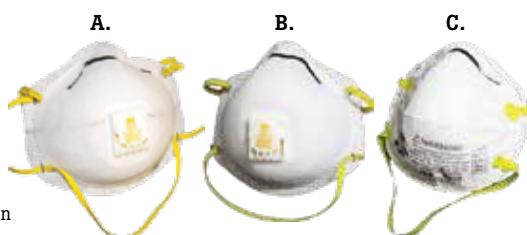
A) #790202 ....R95 Respirator w/ Carbon Filter and Cool FLow™ Valve, 8516, 10/box
B) #790200.. N95 Respirator w/ Cool Flow™ Valve, 8511, 10/box
C) #790201 ....N95, Classic Respirator, 8210, 20/box

Hair Nets

- Bag of 100

#4GL67 ....Hair Nets

Pre-Powdered Latex Gloves

- 100 per box

#002053 ....Latex Lightly Powdered Medium
#002107 ....Latex Lightly Powdered Large
#003852 ....Latex Lightly Powdered XL
#001902 ....Vinyl Powder Large

Disposable Coveralls

- Available sizes L-XXL
- 100% polypropylene
- White
- Zipper front

#79098L...Large
#79102...XX-Large

Short Sleeve Poplin Coveralls

- 5 oz Poplin fabric
- 65% Polyester / 35% Combed Cotton
- Two-way brass zipper
- Two set-in front pockets
- Two chest pockets
- Two patch hip pockets

#CP40NV-RG-S... Small
#CP40NV-RG-M ....Medium
#CP40NV-RG-L .... Large
#CP40NV-RG-XL................................. Extra Large
#CP40NV-RG-XXL .... 2X large
#CP40NV-RG-3XL .... 3X large
#CP40NV-RG-4XL .... 4X large

Foam Ear Plugs

- Disposable foam ear plugs, Pura-Fit® NRR3
- 200 pairs per box
- Uncorded

#790100 ....Foam Ear Plugs

Chorelite

Constructed of EVA expanded rubber, the Chorelite boot is not only durable but the lightest boot we have found for use in poultry and swine houses. The Chorelite weights less than 10 ounces vs a standard rubber boot at over 2 lbs. Its one-piece molded design has no seams to leak and because it is unlined the Chorelite can be cleaned and disinfected inside and out. Men's sizes only.

#M688-8	Size 8
#M688-9	Size 9
#M688-10	Size 10
#M688-11	Size 11
#M688-12	Size 12
#M688-13	Size 13

Servus® Steel Toe Safety Boot

15" high PVC outer with reinforced steel toe. Good general purpose farm boot where extra protection is desired.

#75109-6	Size 6
#75109-7	Size 7
#75109-8	Size 8
#75109-9	Size 9
#75109-10	Size 10
#75109-11	Size 11
#75109-12	Size 12
#75109-13	Size 13

16" Monarch Boots Plain Toe

Injected molded seamless construction with cleated outsole. Kick off lugs for easy on/off.

#87512-5	Size 5
#87512-7	Size 7
#87512-8	Size 8
#87512-9	Size 9
#87512-10	Size 10
#87512-11	Size 11
#87512-12	Size 12
#87512-13	Size 13

Plastic Covers

• 25 pairs per box

#79099	Plastic Covers, one size fits all
#429503	3 mil, elastic top
#429510	6 mil, elastic top

Servus® Northern Series – Ladies

15" high. Navy. TDT plastic compounds for increased durability cushioned center sole.

#75126-5	Size 5
#75126-6	Size 6
#75126-7	Size 7
#75126-8	Size 8
#75126-9	Size 9
#75126-10	Size 10
#75126-11	Size 11

Servus® Northern Series – Mens

15" high. Olive. TDT plastic compounds for increased durability cushioned center sole.

#75120-5	Size 5
#75120-6	Size 6
#75120-7	Size 7
#75120-8	Size 8
#75120-9	Size 9
#75120-10	Size 10
#75120-11	Size 11
#75120-12	Size 12
#75120-13	Size 13

Boot Covers

• Polypropylene

#SC-NWI	100 pairs/box

Disposable Boot Covers

Disposable Boot/Shoe Covers with laminated Fabric, has a PVC textured sole. They are waterproof (not submersible) with elastic bands and a seamless bottom.

1) #TI52658 White, 16 1/2" long, 18" tall, 50/box
2) #TI53474 Heavy Duty, gray, 19" long, 7 3/4" Tall, 100/box
3) #TI72388 Light Weight, white, 15 1/2 long, 6 1/2 tall, 150/box

Bioshift® Pass-Through UVC Chamber

The BioShift® is an economically friendly tool to use alongside established bio-security protocols. It is designed to kill viruses in a recommended time of five minutes, while being an effective replacement for passthrough windows and doors, germicidal disinfecting sprays/fogs, chemical cleaners and un-secured access panels.

• 120/240 Volts
• 80W Operating power
• 7W Standby power
• 0-999 second variable time setting
• 23-1/2' L x 29-3/4" W x 24" H

#OI24-0200	BioShift UVC Chamber

Biosecurity Signs

18" octagon style stop signs are made of outdoor-grade, high-density .055 gauge polyethylene. Red sign and white letters are printed with fade resistant inks. 2" x 7" blank white space at bottom center of sign provides highly visible area to list farm name, contact information or other instructions.

#BIOSIGN2 18" Disease Prevention Area" stop sign, .055-gauge rigid poly

Tek-Trol

Tek-Trol is the standard used to judge other swine and poultry disinfectants. Tek-Trol is a 26% triple phenolic compound that has an economical dilution of 1/2 oz. per gal. of water. Provides the broadest spectrum of germicidal activity available and EPA approved residual control.

#TEK-003	Gallon liquid

Tek-Trol Aerosol

A spot disinfectant for use on boots, clothing, vehicles and hand tools. Non-staining, quick drying and ideally suited for service personnel moving from location to location.

#TEK-001	17 oz. aerosol spray can

Tong-Stik

Tong Stik is the heavy-weight pick-up tool designed rugged enough for farm use!

#HS549-36	Tong Stik 36" long
#HS549-30	Tong Stik 30" long
1) **#608050**	1/8" x 3/4" roll pin
2) **#HS549-52**	Rod Linkage – 30"
#HS549-15	Rod Linkage – 36"
3) **#HS549-17**	Trigger Tong Stik
4) **#HS549-18**	Jaw Movable Tong Stik
5) **#HS549-54**	Frame 30" Tong Stik
#HS549-20	Frame 36" Tong Stik
6) **#608051**	3/16" x 3/4" roll pin
7) **#HS549-19**	Spring
NA) **#HS549-9**	Rivet
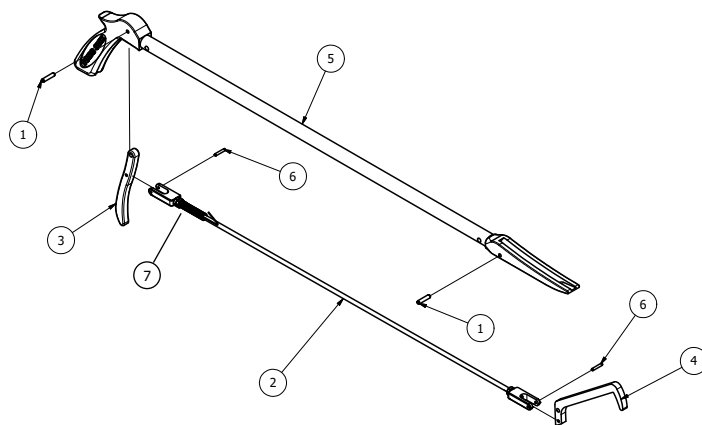
Go to www.hogslat.com to view a demo video!
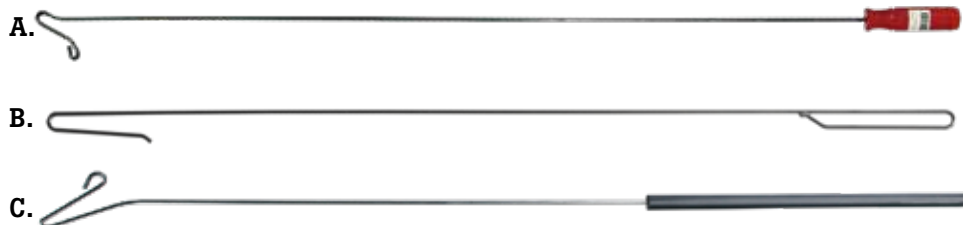
Fowl Catchers/Chicken Hooks

A) **#52122** .... Fowl Catcher, 48-3/4" long, , 4-1/2" plastic red handle
B) **#27100** .... Heavy duty rooster/turkey hook, 53" long
C) **#HH-012** .... Chicken hook, 45-1/2" long, plastic gray handle

Pick-Up Stix

• 30" Long
• Aluminum Construction
• Rubber Hand Grip

#G2928 .... Pick-Up Sticks

Unger Nifty Grabber

• Aluminum construction
• Jaws include 14 rubber finger grippers.
• 36" long
• 4-1/2" wide jaws

#979-2532 .... 36" long

G4 Dot Reacher

#AIMD   #AIRRC

• Aluminum construction
• Replaceable pads
• Ergonomically-designed trigger and soft-grip handle

#AI32S	G4 Dot Reacher – 32" Long
#AI40S	G4 Dot Reacher – 40" Long
#AIMD	Metal Replacement Disc
#AIRRC	Rubber Replacement Disc

Chicken Picker Plastic

• All plastic construction
• Spring loaded handle

#52063	Chicken Picker (Plastic)
#AMT27304	Replacement Spring
#AMT27308	Replacement Jaw
#IS1012	Replacement Handle

Trash Gator

• Aluminum shaft
• High impact plastic handle
• Rubber coated jaws

#AI3033	Trash Gator – 33" Long
#AI3340	Trash Gator – 40" Long

Paper Feeder Trays
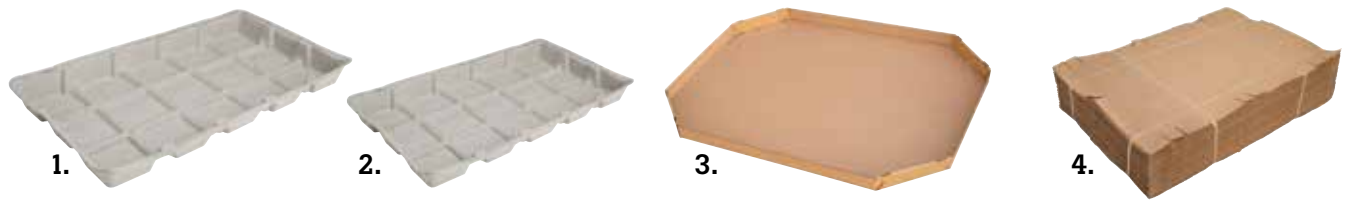
Item#	Description	Dimensions	Wt. Each	# Per Bundle
1) #521102-B-BUNDLE	Large Disposable Paper	21" x 12-3/4" x 1-3/4"	.21 lbs	100
2) #521102-BUNDLE	Small Disposable Paper	19-1/2" x 11 3/8" x 1-3/4"	.19 lbs	100
3) #521103	Cardboard Oversized	48" x 48" x 2"	–	1
4) #521194	Paper inserts for feed lids	16" x 22"	–	400

Pur-Clear Feeder Tray

Disposable, clear plastic feeder trays attract chicks to feed faster. May reduce feed loss from Darkling beetles.

#521102-CLR .... 19-1/4" x 11-3/4" x 2"
#521102-CLR-BUND .... 19-1/4" x 11-3/4" x 2" - 200 Pc. Bundle
#521103-CLR .... 48" x 48"
#521104-CLR-BUND .... 14" x 21" x 2" - 200 Per Bundle

Premium Feeder Trays

Item#	Dimensions	Wt./lb	Thickness
HS797	14.28" x 22.28" x 2"	1.0	.160

Standard Feeder Trays

Item#	Dimensions	Wt./lb	Thickness
521102-BPL	13" x 21" x 1-3/4"	.4	.036

Economy Feeder Trays

Item#	Dimensions	Wt./lb	Thickness
52110A	13" x 21" x 2"	.40	.031

Lastik Plastic Migration Fence System

• 100% plastic construction
• Self supporting
• 9'4" long by 16" high

#MFB-10 .... Plastic Migration Fence
#MFB-2 .... Wall Hanger
#MFI-D .... Drinker Line Insert
#MFI-F ....Feed Line Insert

#MFI-D
#MFI-F
#MFB-10
#MFB-2
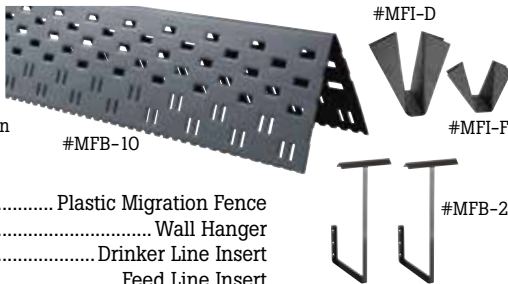
Migration Fence Stand

• Can permanently attach to migration fence
• High visibility
• Economical alternative to more expensive methods
• Can be attached back-to-back or staggered

#HSMF-S .... Migration Fence Stand
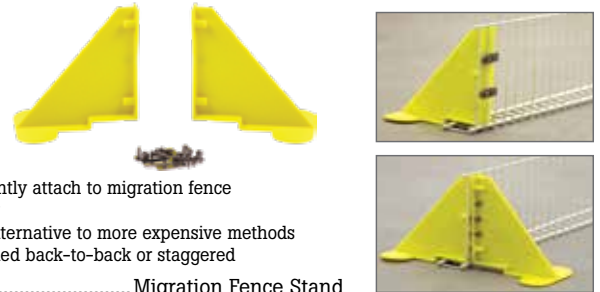
Migration Fence

A) #HSMF1 .... Coated, 1" spacing, 16" x 12'
    #HSMF12 .... Coated, 1/2" spacing, 16" x 12'
B) #8010820100 ..... Peck board painted flat metal
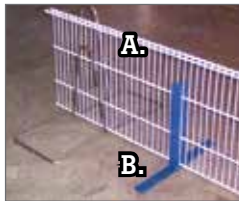
A-Frame Migration Fence

• 12' long x 12" high
• 1/2" spacing

#17320-12 .... A-Frame Migration Fence
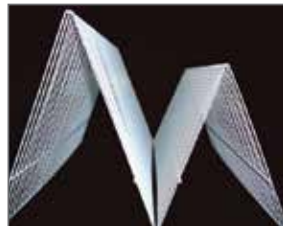
Migration Fence Bracket Rod Style

• 2" opening
• Painted finish

#HSH062 .... Migration Fence Stand, Rod Style
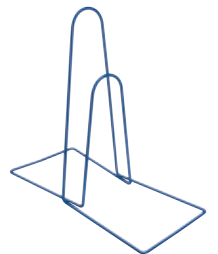
Brooder Guard

#52116 .... Brooder Guard 12" x 250'
#52115 .... Brooder Guard 15'' x 250'
#52117 .... Brooder Guard 18" x 250'

Feeder Paper

• Gray
• Composed of recycled paper

#521180 .... 3' x 750'
#521189 .... 1' x 750'

Water Line Paper

• 1' x 2500'
• Speciality tissue grade
• Tan/ white (color may vary)

#521196 .... Water Line Paper

Gorilla Tape

Gorilla Tape offers over–the–top results with its heavy–duty, double–thick duct tape. Made to stick to rough, uneven, unforgiving surfaces like wood, stone, stucco, plaster, brick and more.

#6025002 .... White, 1.88" x 30 yd. roll
#6003001 .... Black Wide, 3" x 30 yd. roll
#6027003 .... Clear, 1.88" x 27' roll
#6035120 .... Black, 1.88" x 35 yd. roll
#6010902 .... Camo, 1.88" x 9 yd. roll
#6004002 .... Blaze orange, 1.88"x 35 yd. roll
#6025302 .... White wide, 3" x 25 yd. roll

Jake's Wire Tighteners™

In less than one minute you can tighten your fence wire with this simple wire tightening clip. Jake's Wire Tighteners™ work together with a turning tool to give leverage when applied to your fence.

#JWT001 .... 1/4" Standard, 20ct
#JWT002 .... 5/16" Heavy Duty, 15ct
#JWT003 .... Handle Wire Tightener

Stop Roost Spinner

The Stop Roost Spinner is designed for retrofit applications allowing the electricity to be disconnected from the shocker wires. This eliminates the problem of stray voltage at the nipples.

#ISSRS-22 .... 22" rod for Ziggity systems
#ISSRS-23 .... 23" rod for Lubing systems

Gorilla Tape Patch and Seal

Gorilla Waterproof Patch & Seal Tape instantly seals out water, air, and moisture. With an extra thick adhesive layer and UV resistant backing this tape conforms to form a permanent bond indoors and out. At 4" wide use it to patch holes, cracks, gaps and tears, even underwater. Excellent for Home, Auto, Marine, Camping, RVs, Outdoors, and more!

#4612502 .... Waterproof 4" X 10' Roll

Rescue Tape
The ORIGINAL Self-Fusing Silicone Tape

It's 6 o'clock on a Saturday and you're already late. You walk through the houses and oh, no! A leak in a water line. What do you do? **Reach for Rescue Tape!**

Feed Line

• 950 psi Tensile Strength
• Waterproof & Airtight
• 1" x 12' Roll

#RT1001 ....Black
#RT1002 .... Red
#RT1004 ....Clear
#RT1005 ....Yellow
#RT1006 .... Blue
#RT1007 ....Green
#RT1008 .... Orange

Crescent Pocket Plier

• 4–1/2" long
• Single dip handle
• 1–5/6" to 4–1/2" capacity
• Corrosion resistance black oxide finish
• 1 lb. weight

#24978 .... mini tongue and groove plier

Gorilla Glue

The product that started it all, Gorilla Glue, is known for its industrial holding power and versatility, regardless of the substrate. Easily bonds wood, stone, metal, ceramic, foam, glass and more!

#50002 .... Gorilla Glue 2 oz. Tube
#50004 .... Gorilla Glue 4 oz. Tube
#50008 .... Gorilla Glue 8 oz. Tube

Shocker Line Charger

Low impedance model delivers an effective jolt even in the presence of litter and debris. 120 volts with .10 joule output. 2-year warranty.

#DE-60 .... Line charger

Pocket Channellock

• 4–1/2" long
• Cushion grip
• 3–adjustments
• 1/2" capacity
• Electronic coating
• 3.68 oz weight

#12111 .... mini channellock

#LX-1112

#LX-1100

#LX-1902

#LX-1152

Lumex Grease Products
#LX-1100..Gun Grease Utility Grade
#LX-1112...Gun Grease Standard Grade
#LX-1152.............................Gun Grease Pistol Grip Deluxe With 18" Flex Hose
#LX-1203...Hose Grease Gun 18" 1/8" NPT 4500PSI
#LX-1401...Coupler Grease Gun w/ Hex 1/8" NPT
#LX-1902.......................Grease Multi-Purpose Lithium 14oz. Cartridge
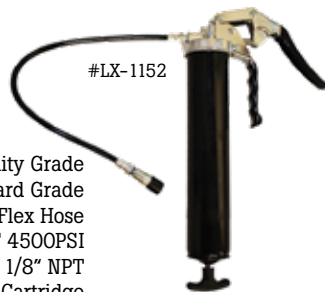
AeroKroil
#AEROKROIL..................................16 oz. Spray Can

Chain & Gear Oil
#4F979........................Gear oil, 32 oz., SAE 80W-90
#4ZF30........................Synthetic oil, 32 oz., SAE 140
#HS450.....SAE 80W-90, 15 oz., for auger gear heads

WD-40® Smart Straw
#60008...........................WD-40 11 oz. Smart Straw

Fluid Film
#60007...............Fluid Film, 11-3/4 oz. aerosol can

PB Blaster
#4LRF8........................PB Blaster 11 oz. Aerosol Can
#4LRF9........................PB Blaster 1 gal. Liquid Can

Liquid Wrench
#HE556650.......Liquid Wrench, 11 oz. aerosol can

O-Ring Silicone Lubricant
#1RGZ6....2 oz. squeeze bottle for medicator repair

Permatex
#HH20220547................8 oz. Anti-Seize Lubricant

Loctite
#4KM46.................8 oz. Anti-Seize Silver Lubricant

Rubber Tarp Straps
Erickson natural rubber tarp straps. Subtract 3" from total length to calculate rubber end-to-end measurement.
SAVE WHEN YOU BUY 10 OR MORE.
#06711..13"
#06712..18"
#06713..24"
#06714..34"
#06715..44"

#DRY0035   #DRY0030   #DRY0020   #DRY0015

#DRY0005

Interstate Batteries

Item#	Type	Description
DRY0035	AAA	Alkaline, 4-pack card
DRY0030	AA	Alkaline, 4-pack card
DRY0020	D	1.5 V, Alkaline, 2-Pack
DRY0015	C	1.5 V, 2-Pack
DRY0005	9V	Carded (1 battery)

Interstate Workaholic Batteries

Item#	Type	Description
DRY-0075	AAA	Alkaline, 24-pack box
DRY0074	AA	Alkaline, 600-pack tray (30 pkgs)
DRY-0070	AA	Alkaline, 24-pack
DRY-0080	C	Alkaline, 12-pack
DRY-0085	D	Alkaline, 12-pack
DRY0110	AAA	Alkaline, 600-pack tray
DRY0196	9V	Alkaline, 12-pack box

#REG102

Smoke Emitters

Non-toxic and has the same density as air, so that it is possible to observe true air movements. The smoke has a particle size of 3- 2.5 microns. The smoke cartridges produce a generous amount of smoke, which is emitted at a constant rate to help with the identification of flow patterns. Smoke color is white and they are packaged 10 per box.

Item#	Burn Time	Smoke Volume	Size
#REG102	45 sec.	150 cu. ft.	1.25" x .55"
#REG103	90 sec.	600 cu. ft.	1.259" x .708"

REAE Ammonia Detection Kits

Ammonia levels above 25ppm can affect chick performance and have affects on bird health. Now you can know exactly what your ammonia levels are! Each tube can measure ammonia levels in multiple houses when used properly to save money.

#AIR71040 ....Hand Pump Only (includes case)
#AIR01500 ....Ammonia Tubes 5-100ppm (10 pack)

#RAYMT4   #RW-5002

#RW-5004

Portable Infrared Thermometers

#RAYMT4 ....Portable Infrared
#RW-5002 ....Economy Infrared
#RW-5004 .... Infrared w/Laser & Case

Digital 4-in-1 Meter

Measure air flow, humidity, temperature and light in one meter.

#LM8000A ....Digital 4-In-1 Meter

Kestrel Wind Meters

Durable and waterproof, Kestrel handheld measuring devices are excellent tools to check ventilation in tunnel houses. Each meter includes a hard slide-on case, lanyard, and battery. All models feature a replaceable impeller. The 2000 and 3000 models feature a backlit display for taking readings in dim light.

#KESTREL1000 ....Kestrel 1000, Blue
#KESTREL2000 ....Kestrel 2000, Green
#KESTREL3000 ....Kestrel 3000, Red
#KESTREL0801 ....Impeller Replacement

Heat Seeker Mid-Range Infrared Thermometer

• 8:1 Distance-to-spot (D:S) ratio
• Rugged, ergonomic design for general purposes
• Wide measurement range
• ±2% Basic accuracy
• Backlit LCD display
• Switchable on/off laser pointer
• °F or °C selectable
• CE, RoHs, WEEE approved

#IRT207 ....Mid-Range Infrared Thermometer

Wide Range Infrared Thermometer

• Wide measurement range of -40° to 1076°F (-40° to 580°C)
• Accuracy of ±3°F (2°C) or ±5°F (3°C), depending on temperature
• Large (1.6 in. diagonal) backlit LCD
• Includes Star Burst Laser and carrying case
• 12:1 Ratio

#IRT657 ....Wide Range Infrared Thermometer

Infrared Thermometer Energy Audit Scanner

• Light/sound alerts for temperature differences
• 0.5 seconds response time
• Star Burst laser targeting system
• Large backlit LCD
• Automatic temperature hold upon trigger release
• Auto-power off after 60 seconds of inactivity
• 8:1 Ratio

#IRTC50 ....Infrared Thermometer

Non Contact Laser Tachometer

• Measure fan blade RPM's, compare efficiency and easily check fan belt and pulley condition
• Jumbo 5-digit LCD display
• Auto ranging
• Wide measuring range
• Laser precision
• Memory: Min/Max/Last
• Includes reflective tape and case

#LT2234C ....Non Contact Laser Tachometer

Agita 10 WG

Water-soluble spot spray for the control of Darkling beetles and house flies. Apply with standard liquid spray applicator around the outside perimeter of animal housing. Average residual of 6 weeks.

#062584 .... 2.2 lbs

Zetagard Insecticide

Contains: Zetacypermethrin and is synergized with Piperonyl Butoxide
When to use it: ZetaGard LBT is an advanced dust treatment for control of darkling beetles (lesser mealworm) in poultry litter in chicken broiler and turkey growout houses. This potent formulation provides excellent control of hard to kill darkling beetles including those resistant to other pesticides including certain pyrethroids.
How to use it: Recommended application rate of 50 lbs. per 20,000 sq. ft. Sold in 12.5 lb. bags. 4 bags per pail.

#YTX33.................................Zetagard Dust (Y-TEX)

Beetle Shield™ 6

Beetle Shield™ 6 is a ready-to-use poultry insecticide dust. Controls darkling beetles, northern fowl mites, chicken mites and lice. Can be used for banded applications. No withholding period from last application to slaughter. Coverage is 100 sq. ft./ 1.4 to 4 oz. Active ingredient is tetrachlorvinphos 6.0%.

#56208...4) 10 lb. sleeves

Rabon™ 50 WP Insecticide

Rabon™ 50 WP Insecticide is a wettable powder concentrate insecticide for use as a premise spray or for direct use on cattle, swine and poultry. Protects against a wide variety of pests including fleas, darkling beetles (litter beetles), lice, mites and fowl ticks. No withholding period from last application to slaughter for beef cattle and swine. Can be administered with conventional power or low-pressure knapsack sprayers. Coverage is 1 gal./ 500 sq. ft. premise or 100 birds. Active ingredient is tetrachlorvinphos 50%.

#10251...4 lb. bag

Bengal Foaming Wasp & Hornet Spray

A water based, synthetic pyrethroid foaming spray that kills on contact.

• Non-staining on most surfaces
• Kills returning insects
• Foam trapping spray
• Up to 25' jet spray

#MH15240................................... 18 oz can

Country Vet Flying Insect and Air Freshening Kit

A dual purpose kit for the farm and home. Fully automatic insect control for flies, mosquitoes and moths. Fully automatic air freshener for fragrance and odor control. 30 days of 24-hour fragrance and flying insect control. Designed with solid state circuitry and a 15-minute setting for optimum performance. 6 per case.

#01-006 .... 30-day metered air freshener kit
#01-008 ....Dispenser only

Air Freshener

Refill air freshener cans for Country Vet automatic dispensers.

#01-001 ....Clean 'N Fresh air freshener
#OCB3020 .... Citrus air freshener
#01-021 ....Clean Cotton
#01-33-4701CVCA...................Dutch Apple Spice

Enforcer Wasp & Yellow Jacket Foam

• Fast-acting, blanketing foam traps and kills on contact.
• Water-based formula is non-staining.
• Jet blast up to 22 feet.
• For outdoor use only. 16 oz can.

#FHW16 .....Enforcer Wasp & Yellow Jacket Foam

No Natz Spray

• Repels Gnats & Biting Flies
• All Natural
• Pleasant Fragrance
• Contains NO DEET

#NN2OZ...2 oz. size
#NN4OZ...4 oz. size

Prozap® LD-44Z Insect Fogger

• LD-44Z Insect Fogger quickly knocks-down and kills flying and crawling insects.
• Contains 0.5% Pyrethrin and 4% PBO.
• Controls flies, mosquitoes, wasps, gnats, lady Asian beetles, roaches, spiders, plus 19 other flying and crawling insects.
• For use in barns, milk rooms, parlors, stables, kennels and other buildings.

#1453510 ....20 oz can

Prozap® LD-44T Fly Spray

Refills for the ProMist'r Metered Dispenser.

• Contains 1% Pyrethrins, 2% PBO and 3% 264.
• 6.5 oz can lasts up to 30 days in the Pro-Mist'r Metered Dispenser.
• Covers 6,000 cubic feet of space.

#0073010...6.5 oz can

Prozap® ProMist'r II Dispenser

• For use with Prozap® LD-44T™ Metered Insecticide or Prozap Fragrances.
• Features power switch display, 24 hour or day only operation and three spray interval selection.
• When set at 7.5, 15, or 30 minute intervals will provide up to 30 days of coverage per refill.
• Uses "D" size batteries.

#CT89500................................ProMist'r Dispenser

Annihilator™ Polyzone®

Broad-spectrum premise spray provides residual insect control for up to 90 days. Uses technology that binds active ingredient to surface and slowly releases over time to achieve extended control.
• Active ingredient – 4.74% deltamenthrin
• .06% treatment rate is 10,666 sq. ft.
• 1 pt. bottle

#BAY82020.......................Annihilator™ Polyzone®

Tempo® 20 WP Insecticide

• 20% cyfluthrin wettable powder
• Ideal for rough surfaces and areas with large amounts of dust and organic debris
• Available in 420 g jar, with 5 g scoop
• 10 to 20 grams per 1 gal. of water treats 1,000 sq. ft.

#BAY0359 ....Tempo 20 WP Insecticide

Tempo® 1% Dust Insecticide

• Provides effective pest control and easy application
• Requires no mixing equipment; non-corrosive, little to no odor
• Available in 40 lb. bucket containing four 10 lb. sleeves
• 0.5 to 1 lb. treats 1,000 sq. ft. facility

#TEMPODUST ....Tempo 1% Dust Insecticide

Tempo® SC Ultra Premise Spray

• Fifth-generation pyrethroid containing 11.8% beta-cyfluthrin
• Strong insecticidal activity in a stable, suspension-concentrated liquid
• Available in 240 ml container
• 8 to 16 ml per 1 gal. of water treats 1,000 sq. ft. facility

#TEMPOBOTTLE .... Tempo SC Ultra Premise Spray

QuickBayt® Fly Bait

• Scatter bait formula in 5 lb. pail
• Remains effective for up to four weeks
• 6 oz. treats 1,000 sq. ft.

#BAY066399 .... 5 lb. pail
#BAY8731627 ....35 lb. bulk pail

QuickBayt® Spot Spray

The proven fly-killing power of QuickBayt Spot Spray is now available in convenient 24 fl. oz. spray bottle. Just add water and you're ready to attract and kill flies on any surface. Spot Spray is convenient and easy to apply, is powerful and long-lasting and can be used indoors or out.

#BAY81147923 ....3 oz. in a 24 oz. bottle

QuickBayt® Spot Spray

• Simply mix with water and spray where needed
• Treats places conventional granular baits can't reach
• Provides up to six weeks of protection indoors
• An effective spot size is 4 sq. ft.
• 1 lb. container treats 1,000 sq. ft. of fly-resting areas

#BAY08968805 ....QuickBayt® Spot Spray

Credo®

Specifically formulated for the poultry industry to control Darkling beetles in the larvae and adult stages. Use in rotation with Tempo to prevent build-up of chemical resistance by insects. Credo® SC is the original formulation containing 42.8% Imidacloprid.

#BAY80511249...................................30 oz. bottle

Tempo® SC Ultra

For smaller applications and single dose needs.
#BAY80694254 ....32 ml bottle

Permethrin 13.3%

Controls insect pests for up to 4 weeks. Formulated for use in livestock applications.

#IVCSJ135 ....Permethrin 13% Quart

Bifen I/T Insecticide

Used to prevent and control termites, fire ants, and many other insects that cause structural damage. This 1 gallon container has 7.9 % bifenthrin as its active ingredient. Use as directed.

#52499..........Bifen I/T Bifenthrin 7.9% 1 gal. Jug

Permethrin SFR

36.8% active ingredient for fast knockdown and long-lasting 90 day residual treatment in and around animal housing.

#41008.. 1.25 gal container

Golden Malrin® Fly Bait

The standard in fly baits for over 30 years, Golden Malrin® bait attracts and controls nuisance flies right down to the last grain of bait. The Golden Malrin® Fly Bait two-phase action knocks out nuisance flies quickly and effectively. First, Muscamone® fly attractant draws flies in. Then, as they feed on the sugar-based bait, the active ingredient methomyl delivers the final blow, killing flies after ingestion. Golden Malrin® bait can be applied directly from the container or placed into a bait station such as the Starbar® Fly Bait Station. Cannot ship to New York or Indiana.

#SB8040 ....40 lb
#100527078 ....10 lb can

Prolate/Lintox-HD™ Insecticidal Spray

Prolate/Lintox-HD™ liquid product is for livestock and swine that kills pests on contact. Diluted and used as a spray or in a backrubber, it provides effective treatment of flies, lice, mange mites and ticks on cattle. Prolate/Lintox-HD™ liquid also can be used as a spray for treatment of swine with lice or sarcoptic mange infestations.

#61200C ....Lintox HD–Prolate Gallon Starbar
#LW64580 ....Lintox HD – Prolate Quart Starbar

QuikStrike® Fly Abatement Strips

The QuikStrike® Fly Abatement Strip is specially designed to control nuisance flies. Flies are instinctively drawn to its curved design created to facilitate fly feeding. QuikStrike® Fly Abatement Strip has a large exposed surface area for flies to feed on and a unique active ingredient that kills flies in seconds. A triple-action attractant draws flies to the strip where they feed on a sugar-based active ingredient coating. The QuikStrike® Fly Abatement Strips are ideal for use wherever nuisance flies are a problem.

#25100D ....Quik Strike Fly Abatement Starbar

Starbar® Fly Bait Station

Scatter baits are an effective and economical fly control method for areas with high fly populations. Flies are drawn in by the powerful attractants and die rapidly after feeding on the bait. The Starbar® Fly Bait Station makes the use of scatter baits easy by reducing the associated mess and exposure concerns due to spreading the bait over the open ground where children, pets and livestock may come in contact. Simply use one ounce of product per bait station.

#3006166 ......Fly Bait Station for Scatter Baits Starbar

Fly Trap Attractant Refill

An exclusive formula that contains four different attractants flies can't resist in a water soluble pouch format. It can be used with Fly Terminator® Pro, Captivator® Fly Trap and other reusable water-based traps. Each package contains eight 30 gm. water soluble pouches

#57102 .... Fly Trap Attractant Refill

Fly Stik™ Jr. Trap

Sticky fly trap sticks that can be used indoors or outdoors. Fly Stik™ Jr. fly trap at 12 inches contains no insecticides and is odor-free. Great for use in and around barns, stables, corrals and homes.

#100503350 ...... 12" Single Stick Fly Trap Starbar

Bite Free™ Stable Fly Trap

Scientifically proven to help effectively trap stable flies, Bite Free™ Stable Fly Traps contain no insecticides and are economical and easy to use. Bite Free™ Stable Fly Traps hold more flies than other sticky traps with no fly trap odor. Its compact size offers a 360° trapping surface that holds several thousand flies. When the trap is full just throw it away. Bite Free™ Stable Fly Traps have a special weatherproof adhesive that won't melt or wash away.

#3005363 ....Bite Free Stable Fly Trap Starbar

Captivator® Fly Trap

Captivator® Fly Trap, the heavy-duty, reusable and economical plastic jar comes complete with 1 tube of attractant. Just squeeze attractant into a jar and add water. Captivator® Fly Trap's one-way entry system keeps flies in the trap and its 2-quart capacity means minimal maintenance.

#14680 ....Captivator Fly Trap Starbar

Trap 'n Toss™ Fly Trap

This handy, disposable fly trap can be hung up or set down wherever flies are a problem. Trap 'n Toss™ Fly Trap includes a special attractant that contains multiple feeding stimulants plus a fly sex attractant. Just squeeze it in and add water. Trap 'n Toss™ Fly Trap holds thousands of flies and can be simply thrown away when full.

#14624 ....Trap'n Toss Fly Trap Starbar

FlyRelief™ Trap

Recommended for perimeter use, FlyRelief™ trap catches thousands of flies. Insecticidefree, FlyRelief™ trap disposable fly traps come with built-in attractant and are excellent for use around pets, in the yard, kennel and garbage containers. Giant FlyRelief™ trap catches twice as many flies as the FlyRelief™ trap.

#100503132 ....Standard Fly Relief Fly Trap Starbar
#100504346 ....Giant Fly Relief Fly Trap Starbar

Milk Jugg™ Trap

Turn ordinary plastic jugs into effective, insecticide-free fly traps and catch over 35,000 flies economically with an exclusive attractant flies can't resist. It's easy to use, just add water and the attractant to a one-gallon milk jug and pop on the specially designed reusable top.

#3002613 ....Milk Jugg Fly Trap Starbar

Lure Fly™ Trap

Lure-Fly™ trap is a super sticky fly paper that effectively attracts flies. It's a disposable fly ribbon that contains no insecticides. Easy to hang and even easier to use, Lure-Fly™ trap is economical fly control

#45200 ....Lure Fly/Revenge Ribbons Starbar

INSECTICIDES | 111

LIPHATECH®

Rotate Baits for Best Results

FASTDRAW SOFT BAIT
Takes 4-5 days to work.

Mar - June
HOMBRE

Nov - Feb
GUNSLINGER®

July - Oct
BOOT HILL

CANNON SOFT BAIT

Revolver SOFT BAIT

FASTDRAW™ Soft Bait

FastDraw™ Soft Bait is a revolutionary concept in rodenticide technology from Liphatech®. It contains the active ingredient Difethialone, food-grade grains and oils, and has a unique no-wax formula. FastDraw™ pouches combine the bait integrity of mini-blocks with the money-saving, targeted dosing, of place packs. It is effective even in areas of infestation where competing food sources exist. Why wait for rodents to accept OTHER baits? Draw a following of rodents with FastDraw™. .35 oz. pouch.

#LT82908..8 lb. pail, 367 pouches
#LT82916...16 lb. pail, 734 pouches

Revolver™ Soft Bait

Revolver™ soft bait provides the most palatable formulation of the most widely-used active ingredient, Bromadiolone. It is the single-feed solution when rotating to a Bromadiolone rodenticide in your biosecurity rodent control program. Revolver™ contains no-wax promoting quick feeding & results, in a low-cost per placement .42 oz. pouch.

#LT87400 ....8 lb. pail, 302 pouches
#LT87405 ....16 lb. pail, 604 pouches

HOMBRE™

Hombre™ contains difethialone, a singlefeed anticoagulant that is the newest active ingredient in the animal health industry. It is so advanced its lethal dose is lower than any other product on the market. With less active ingredient, more food quality grain and an attractive odor, Hombre™ is significantly more palpable than other baits.

Mini-Blocks – .75 oz

#LT82804... 10 lb. pail, 225 mini-blocks
#LT82801 ....20 lb. pail, 450 mini-blocks

Pellet Place Packs – .9 oz

#LT82831 .... 11 lb. pail, 200 packs

BOOT HILL™

BootHill™ contains Bromadiolone, a singlefeed anticoagulant that has a long history of proven efficiency. Superior palatability helps assure greater acceptance while preventing bait shyness. Available in a variety of effective formulation – mini-blocks, paraffinized pellets, and pellet place packs. BootHill™ is a perfect partner with Hombre™ in your rodent control program; different chemistry helps assure a high degree of effectiveness over time.

Mini-Blocks – 1 oz.

#LT87315...10 lb. pail, 160 mini-blocks
#LT87360 ....20 lb. pail, 320 mini-blocks

Pellet Place Packs – 1.5 oz.

#LT86204.. 14 lb. pail, 150 ct

GUNSLINGER™

Gunslinger™ is Liphatech's® newest rodenticide and is made with the active ingredient Bromethalin. Gunslinger™ is an effective addition to a rodent control baiting program since it has a different mode of action. Plus, rodents stop feeding after eating the lethal dose, saving bait. More rats and mice can be controlled with less bait. Bromethalin disrupts oxidative phosphorylation in the central nervous system resulting in paralysis and death.

#LT83921 ....4 lb. pail, 130 mini-blocks

CANNON™ Soft Bait

Cannon™ by Liphatech is the world's first bromethalin soft bait and provides simple and effective control of rodents without mixing meal bait and pellets! Low cost 8 gram placement packs reduce waste and save you money. After consuming a lethal dose, rodents cease feeding which makes your baits last longer and the active ingredient, bromethalin, kills in 24–48 hours. The no-wax formulation does not melt in high temperatures and outperforms purple wax blocks. .28 oz pouch.

#LT83904..4 lb. bag, 227 pouches

Aegis Bait Stations

• Bait placed in the feeding chamber cannot be touched by fingers or probes when the lid is fastened.
• Unique double-quartered locking barbs make the Aegis bait stations tamper resistant.
• Clear-lidded option makes monitoring quick and easy.
• Vertical and horizontal baiting rods in the Rat Station keep bait secure inside the station and away from moisture.
• Bait Stations can be attached to walls, posts or any permanent structure.
• Stations can be used both indoors and outdoors.
• RP model can be positioned vertically and is perfect for tight placements such as on rafters for roof rats.

#LT83810...................... Mouse Station w/ black lid

#LT83811........................ Mouse Station w/ clear lid

#LT83812............................Rat Station w/ black lid

#LT83813............................Rat Station w/ clear lid

#LT83814....................Rat Station, white (cool box)

#LT83861 ......AEGIS-RP Bait Station, non-locking

#LT83860..............AEGIS-RP Bait Station, locking

Multi-Catch Bait Station

The multi-catch mouse trap allows users to catch multiple mice without re-setting the trap. The zinc plated metal trap features two doors, one on each side, that contain a "see-saw" type floor, allowing mice to enter, but not exit. Mice on the inside of the trap help attract others nearby, allowing several to be caught in a short period of time. Clear plastic window on the top door allows easy confirmation of a catch.

#AGP420CL...Multi-Catch Bait Station

10-inch Heavy Duty Tent Stake

Convenient steel spikes for anchoring bait stations penetrate the hardest ground.

#8312...................10-inch Heavy Duty Tent Stake

RODENTICIDES | 113

MOTOMCO Pest Control

JAGUAR®

The most powerful single-feed anticoagulant for maximum control

JAGUAR® is tougher on rats and with the strongest single-feeding anticoagulant available – brodifacoum. JAGUAR® is especially successful in cleaning out tough mouse infestations or where resistance is suspected. Get guaranteed success with JAGUAR® tasty blend of more than 16 human food-grade ingredients.

#M-31402 ....Jaguar® Pellet Place Packs, 25 gram, 12 lb. pail
#M-31410 ....Jaguar® Chunx, 20 gm, 9 lb. pail
#M-31418 ....Jaguar® Chunx, 20 gm, 18 lb. pail

Agrid₃

The first and only rodenticide registered by the EPA for organic production

AGRID3 is the first and only rodenticide registered by the EPA for use in organic production. The highly palatable formulation uses the active ingredient cholecalciferol, an acute rodenticide capable of killing anticoagulant resistant rats and mice. AGRID3 has a unique mode of action that causes rats and mice to stop feeding after consuming a lethal dose, reducing the total amount of bait consumed, thus saving money. This same mode of action also gives AGRID3 a substantially reduced risk of secondary poisoning… making it excellent all-around bait.

#M-23144 ....Agrid3 Organic Chunx, 1 oz., 4 lb. pail

HAWK®

A single-feed anticoagulant ideal for superior, long-term control of rats and mice

HAWK® can kill rats and mice in a single feeding with its powerful anticoagulant bromadiolone. Use HAWK® with confidence for unsurpassed control, even against warfarin-resistant "super rats". Rats and mice die in 4 to 5 days after eating just a single feed of HAWK®. A superior formulation makes HAWK® irresistible to rats and mice.

#M-31218 ....Hawk® Chunx, 1 oz., 18 lb. pail
#M-31270 ....Hawk® Chunx, 1 oz., 9 lb. pail
#M-31155 ....Hawk® Pellet Place Packs

ERAZE™ RODENT PELLETS

Designed to be used as a cleanout bait during a building's down cycle

ERAZE™ is a economical choice to provide fast cleanout of rodent populations when other food sources are not present, such as the down time in confinement buildings between groups. ERAZE™ powerful active ingredient, zinc phosphide, kills mice, rats and gophers in a single teaspoon size feeding.

#M-32545 .... Eraze™ Loose Pellets, 5 lb. pail

RAMPAGE®

The fastest acting rodenticide and no secondary poisoning

RAMPAGE® contains bromethalin, a non-anticoagulant, which is the key component in the fight against resistance. RAMPAGE® provides sure, fast control in one to two days. Rodents also feeding after eating a lethal dose of RAMPAGE® eat less bait so there is no secondary poisoning if pets consume dead rodents.

#M-22121 .... RAMPAGE® Pellet Place Packs, 15 gm, 121 ct pail
#M-22249 .... RAMPAGE® Bait Chunx, 4 lb. pail

TOMCAT®

A multiple-feed anticoagulant for economical control of rats and mice

TOMCAT® is tougher than a barnyard cat for the control of rats and mice. TOMCAT® baits are manufactured with human food-grade ingredients and enhancers for a bait so palatable that rats and mice can't resist. Containing the anticoagulant dipacoinone, TOMCAT® is a multiple-feed bait that kills rats and mice in 4 to 6 days.

#M-32345 ....Tomcat® Pellets Place Packs, 10 lb. pail
#M-32446 ....Tomcat® Chunxs, 1 oz., 9 lb. pail

Rampage Meal Bait

Exclusive oat and grain bait formulated especially for livestock facilities with high rodent populations.

#M-22925 ....12 lb. pail

Tomcat® Liquid Concentrate

Each pouch mixes with one quart of water. Excellent way to supplement a rodent control program especially in hot, dry conditions.

#M08140 ....Box / 8
#M-32701 .... 1.7 oz, pouch

Hawk® Meal Bait

Highly palatable oat and grain formula effective when competing food sources are available.

#M-31111 .... 50 lb. pail
#M-31125 ....25 lb. pail

Southland Organics strengthens natural defenses to grow resilient birds and businesses.

Mother Load

Mother Load is raw, unfiltered liquid apple cider vinegar infused with garlic. It is designed to boost your birds' overall health, aid in digestion, keep the GI tract healthy, tighten gut and provide bacteria that support poultry development. Apply 1/2 gallon per 5 gallon of water in medicator bucket set at 1:128.

#ACV60 .... 2.5 gal. container

Big ole Bird

Big ole Bird is a powerhouse of probiotics, organic acids and biologically active carbon to strengthen your birds' natural defense system from within. BoB decreases mortality, improves weight gain, feed conversion, gut health and resistance to pathogens and disease. Apply 4 oz. liquid per 1 gallon of stock solution for a medicator pump set at 1:128.

#BOBOP2-5.................................. 2.5 gal. container

Catalyst

Catalyst Poultry Vitamin is a highly absorbable powder packed with specially formulated, poultry-specific vitamins and minerals that maximize performance when used with Big ole Bird. It helps promote leg and bone development, heart, skin and blood health. Apply 100 CC (two scoops) to 5 gallons of stock solution for a medicator pump at set 1:128.

#CATALYSTPAIL .... 32 oz. pail

Desecticide

Desecticide uses breakthrough technology to kill resistant darkling beetles, lesser mealworms, bed bugs, mites, fleas and ticks on poultry without the use of toxic chemicals. It is proven effective and safe to use, even when birds are present. Bugs do not build resistance, and it can be used at any point during grow out. No applicator license needed, so spray it yourself and save time. Apply 1 gallon with 10 gallons of water per 5,000 square feet.

#DESECT .... 1 gal. container

Hen Helper

Hen Helper improves overall health, fertility and nutrition in layer hens. According to studies, probiotics and organic acids work together to increase egg production, egg weight and quality in laying hens. Hen Helper also tightens the gut, which produces cleaner eggs, less feed passage and firmer shells through improved calcium and vitamin absorption. Apply 4 oz. liquid per 1 gallon of stock solution for a medicator pump set at 1:128.

#HH-2-5 .... 2.5 gal. container

Litter Life

Litter Life is designed to improve litter quality and strengthen poultry health. A mixture of biologically active carbon, organic acids and beneficial microbes helps dry and condition litter, defend against harmful bacteria and control ammonia. Birds grow in a healthier environment with less threat of disease, lower mortality and better performance. Apply one gallon of Litter Life with nine gallons of water per 2,000 square feet.

#LL2-5 .... 2.5 gal. container

Monitoring pH is the beginning step to sound water management.

Waterproof Professional Series pH/Temp Meter

The PH-200 is a professional grade pH/Temp meter ideal for all pH testing water. With its advanced microprocessor it provides highly accurate dependable readings

Features:
- Waterproof housing (IP-67 rating)
- Digital automatic calibration (one point), with digital fine tuning
- Automatic Temperature Compensation (ATC)
- Auto-off function, data-hold function and low-battery indicator
- Easy-to-read LCD screen with simultaneous temperature display
- Replaceable Sensor (model SP-P2)
- Factory Calibrated: The PH-200 meter is three-point checked and factory calibrated to pH 7.0.
- Includes a translucent cap, 2 Triple A (AAA) batteries, lanyard, and pH 7.0 buffer (sachet)

#DPH-200 ....Waterproof Professional Series pH/Temp Meter

Calibration Packet

Ready-to-use liquid packet to calibrate pH before each use. 25 per box.

#DPH-P7 .... Calibration Packet

Storage Solution

PH storage solution protects and cleans sensor. Always make sure your sensor is kept in an electrode storage solution. If dry, refill the pH meter cap with the PH-STOR storage solution. The sponge should be moist (not soaking wet).

#DPH-STOR .... Storage Solution

Replacement Sensor

#DSP-P2 .... Replacement Sensor

Anthium Dioxcide

Contains: Stabilized 5% Chlorine Dioxide (Sodium Chlorite).

Why use it: A Water Cleaner, Sanitizer, and Purifier. Can remove iron from water, remove sulfur odors, is effective on biofilms, and is also used in human drinking water. When mixed in stock solution it is good for 7 days. Non-corrosive.

How to Mix: Mix at a rate of 1 to 5 ppm which can be monitored with test strips. (#WY42563 for 50 test strips)

#WY41104................................Anthium Dioxide

Aquatize®

AQUATIZE® is an EPA-registered drinking water disinfectant for poultry, swine, cattle, and other livestock specifically formulated to eliminate bacteria found in drinking water. Shown to be many times more effective than hypoclorite (bleach). A safe alternative disinfectant to use while lowering the dependence on antibiotics.

#AQUATIZE2-5 ....2.5 gal

PWT and PWT2

Contains: Specially processed Sodium Hydrogen Sulfate 91.5 to 94.7%, Sodium sulfate 4.8 to 8%, and proprietary ingredients. (PWT2 also contains a blue coloring additive)

When to use it: Water acidifiers approved by the FDA used to keep water systems sanitized with a lower pH. Can also be used as a cleaner and descaler.

How to Mix: As a water acidifier mix 1 to 2 packs of PWT or 1 to 2 pounds PWT2 per 4 gal. stock solution once daily. As a cleaner or descaler mix 2 packs of PWT or 2 pounds of PWT2 to 4 gal. water in line for 8-24 hours and flush from systems.

#PWT .... 16 oz. Pk
#WLS-PWT2.. 40 lb. Pail

Alternative Antibiotic Free Supplements

Oregain

Contains: Vegetable Fat product, natural flavors, citric acid, and propylene glycol.

When to use it: Oregain is a blend of essential oils that provide a flavoring agent to the water to encourage birds to drink and potentially eat more when administered. May help during stressful periods or can be given daily during the course of the flock. It is used most during the first 7 to 10 days after chick placement, during the 3 to 5 days during a feed type change, and the last days when finisher feed is given. One bottle treats between 20 to 40 gallons of stock solution.

How to Mix: For Broilers mix 1.18 to 1.69 ounces (35 to 50 ml) of Oregain to 1 gallon of water in stock solution. For Layers mix .84 to 1.69 ounces (25 to 50 ml) of Oregain to 1 gallon of water in stock solution.

#OREGAIN..Oregain Liquid Concentrate

ACTIVO® Liquid

Blend of selected secondary plant compounds and organic acids. Better growth due to synergistic effect on regulating the microflora of the gastrointestinal tract. Recommended for preventive use in poultry during stress periods. Injects using standard medicator ratio of 1:128. Packaged in 1.32 gal. container.

#EW001 ....ACTIVO® Liquid

Perform-Max

Contains: Acetic Acid, Copper and Zinc Chelate, Lactic, Citric and Tannic Acids.

When to use it: Drug and Antibiotic Free programs. Does not require a withdrawal period. Helps clean water lines to improve and maintain water consumption. Shown to help improve feed conservation. Performs best when pulse dosed.

How to Mix: Using label directions, Perform-Max will reduce pH to 3.5-2.8 (depending on initial pH of water)

#WY26432.. Perform-Max

Supplement 4

Contains: Acetic Acid, Citric Acid, Copper Manganese, Iron, and Potassium.

When to use it: Supplement 4 is a nutritional supplement with a wide arrange of beneficial acids and minerals to aid in performance and feed conversion. In addition it serves as a water acidifier, chelating agent, helps keep water lines clean and free flowing, and is also used as an aid to treat mouth lesions from mold and reduce feed passage.

How to mix: One quart to two gallons of stock solution. Run for 3 to 5 days continuously and repeat as necessary.

#HW71600.. Supplement 4

Suppa Sol

Contains: Copper Sulfate, Manganese Sulfate, Cobalt Sulfate, and Hydrochloric Acid.

When to use it: Suppa Sol is a mineral supplement that is believed to aid performance and provide broilers and turkeys with 90% of their daily recommended Copper requirement.

How to Mix: Add one quart to two gallons of stock solution. Run for 3 to 5 days continuously and repeat as necessary.

#HW70100 .... Suppa Sol

Electrolytes + Vitamin C

Contains: Potassium Chloride, Sodium Chloride, Magnesium Chloride, Citric Acid, and Ascorbic Acid (vitamin C) (20,000mg)

When to use it: Electrolytes plus Vitamin C is a soluble electrolyte formula that provides high levels of potassium, ascorbic acid (vitamin c), and other essential minerals during extreme temperatures and other periods of stress to help maintain osmotic balance of bodily fluids and prevent dehydration.

How to Mix: Mix at 1 pack per 2 gallons of water given continuously for 3 to 5 days. Repeat when necessary

#HW85020 .... 20 lb. pail, bulk
#HW85000 ....1 lb. pack

Poultry Pack

Contains: Vitamin A, Vitamin B3, Vitamin E, Vitamin B12, Riboflavin, Niacin, d-Calcium Pantothenic Acid, Menadione Sodium Bisulfate, Biotin, Folic Acid, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Asorbic Acid (Vit C), Potassium, Sodium, and magnesium.

When to use it: Poultry Pack is a broad spectrum multi-vitamin, mineral, and electrolyte supplement that is used to help ensure birds are receiving the necessary vitamins, minerals, and electrolytes for good health and performance. It can also be used when birds are under stress to help performance as well.

How to Mix: 1 pack per two gallons of water on a regular basis. Run 3 to 5 days continuously and repeat as necessary.

#HW98400 .... Poultry Pack

Vitamin D3 & E Concentrate

Contains: Vitamin E (80,000 IU/lb), Vitamin D3 (16,000,000 IU/lb), polysorbate 80, potassium sorbate, n-propyl alcohol, propylene glycol, water, and polyethylene glycol monocleate.

When to use it: Vitamin D3 is an essential Vitamin for the absorption of Calcium which helps prevent numerous bone issues such as rickets. Vitamin E is an essential Vitamin to help support a healthy immune system.

How to Mix: Mix 2 ounces of Vitamin D3 & E per gallon of water in stock solution

#HED3 ....Vitamin D3 & E Concentrate

Vitamin D3

Contains: Vitamin D3 (2,000,000 ICU/fluid ounce)

When to use it: Use Vitamin D3 for thin egg shells in breeders, to reduce symptoms from mold and fungi, and to treat stiff, swollen joints, rickets, malformation of bones and soft beaks.

How to Mix: 1/2 ounce per gallon of stock solution for regular use and 1 ounce per gallon to treat more serious issues. Run for 5 to 10 days continuously and repeat if necessary.

#HW72700... Vitamin D3

Liquid Vitamin Starter

Contains: Vitamin A (125,000 IU), Vitamin D3 (58,75 IU), Folic Acid (1,725 MCG), Vitamin E (465 IU), Riboflavin (26MG), d-Pantothenic Acid (60MG), MSBC (135 MG), Thiamine (105 MG), Niacin (305 MG), Vitamin B12 (250 MCG), Biotin (1,560 MCG), Pyridoxine (105 MG) per Ounce of product.

When to use it: Liquid Starter Vitamin is a good well-rounded multivitamin to help ensure chicks get off to a good start by providing extra vitamins.

How to Mix: Mix 6 ounces of Liquid Starter Vitamins per gallon of stock solution. Run daily the first week of your flock.

#HWFP-BL .... Liquid Vitamin Starter

Dawelyte®

When to use it: Dawelyte® is a balanced electrolyte plus trace elements pack that is especially useful during heat stress or scours in poultry and livestock.

How to Mix: Mix 8 oz. with 128 gallons of drinking water and offer for 3 to 5 days.

#DL002 .... Dawelyte®

Valbazen

A broad spectrum oral drench effective for controlling tapeworms, stomach worms, intestinal worms, lungworms & mature liver fluke in sheep and cattle.
Active ingredient: Albedazole

#LW58221 ....One liter bottle

Amprol

Amprol is for the treatment of coccidiosis in growing chickens, turkeys and laying hens. Follow the label exactly as instructed for best results.

#10601 ....Soluble Powder per 10 oz. pack
#36947 .... 9.6% Liquid Gallon

Water Supplements

Acidified Copper Sulfate

Contains: Copper Sulfate 86.5%, Sodium Bicarbonate, & Citric Acid.
When to use it: Copper Sulfate can be used as a water acidifier, as an aid to treat mouth lesions and it can also be used to reduce feed passage.
How to Mix: Mix 1 pack per two gallons of stock solution.

#HW81600 ....Acidified Copper Sulfate

Vinegar (Acetic Acid)

Contains: Acetic Acid 8% (#HW72500) and 22% Concentrate (#HW72501 shown)
When to use it: Varies, but typically during feed changes and when loose or watery droppings are noticed. Vinegar serves as an astringent in tightening the gut and helps decrease the incidence of feed passage and healthier looking droppings.
How to Mix: Varies, and depends on the severity of the issue. It is best to start at a low dosage of around a pint to 4 gallons of water and work up from there, but monitor water consumption and if consumption decreases with an increase in mix concentration back down on mixture.

#HW72501 ....22%

Vin-Sol

Contains: Mix of Sodium Acetate & Sodium Diacetate that makes Acetic Acid when mixed with water.
When to use it: Varies, but as with any other Acetic Acid product you can use it typically during feed changes and when loose or watery droppings are noticed. It serves as an astringent in tightening the gut and helps decrease the incidence of feed passage and healthier looking droppings. Can also help non Dextrose based vitamins extend their half life in stock solution. Can also be used as a water line cleaner.
How to Mix: 1 heaping teaspoon with 1 gallon of water in stock solution run once daily. As a water line cleaner mix 4 scoops per gallon of stock solution and flush after.

#HW81900-12-5 ....Vin-Sol

Citric Acid

Contains: 100% Citric Acid
When to use it: Citric Acid is used to increase solubility in hard water conditions or when needed to help the solubility of some medications. It can also be used as a water acidifier and water line cleaner.
How to Mix: When used to improve solubility, mix 1/2 pack to 1 pack per gallon of water in stock solution. When used to clean water lines, mix 3 to 4 packs per gallon of water in stock solution.

#HW83000 ....Citric Acid

Line Cleaners

SWG Biocide

Contains: Sodium hydroxide <10%, Sodium bromosulfamate and sodium chlorosulfamate 18%
Why use it: As a fungicide, algicide slimicide and microbiocide in water transfer line systems.
How to Mix: Fill water transfer line equipment as completely as possible with a solution of one (1) ounce of product diluted in one (1) gallon of water. Introduce this use solution to the transfer line system. Soak or circulate the solution for at least 4 hours. Drain the system. Rinse the system thoroughly with potable clean water prior to using the water transfer lines for birds.

#SWGBIOCIDE .... SWG Biocide

Proxy Clean

Contains: Buffered and Stabilized Hydrogen Peroxide 50% plus Silver Complex.
When to use it: Proxy Clean removes and prevents heavy soils and biofilms in drinking systems and is non corrosive. It should be left in the drinking system in between flocks for at least 12 hours for best results.
How to Mix: When used during flocks mix at no higher than 1.66 oz per gallon of stock solution. When used in between flocks, pump straight out of container directly in system and let sit for a minimum of 12 hours, and flush afterwards until water is flowing clean from flush points.

#37648 ....Proxy Clean

CID 2000

Contains: Hydrogen Peroxide 20%; Acetic Acid 10%; Peracetic acid 5%
When to use it: A waterline cleaner that gives you the power of O2 and acidification combined. The H2O2 removes heavy soils and the peracetic acid removes scale/mineral build-up. It is equipment friendly and contains no heavy metals. Comes in a 2.6 gallon jug. Use as directed.

#CID2000 ....CID 2000

Siloxycide

Contains: Hydrogen Peroxide 5.00%; Silver 0.01%
When to use it: Bactericide and Virucide*
SILOXYCIDE DISINFECTANT is a patented combination of Hydrogen Peroxide plus Silver Nitrate, providing extended peroxide stability, along with previously unmatched efficacy, when compared to products containing only Hydrogen Peroxide

#061009 ....2.5 gal jug

Synergize

Contains: Alkyl dimethyl benzyl ammonium chloride 26.0% and Glutaraldehyde 7.0%

When to use it: Formulated for industrial use in Animal Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. Its unique formula penetrates and alters the structure of the cell membrane allowing itself to destroy the microorganism. Best when applied with low pressure sprayers. Contains some detergent additives and acts as a cleaner.

How to Mix: 1/2 ounce per gallon of water

#9955 ....Synergize

Synergize Cool

Contains: Quaternay Ammonium 26.0%; Glutaraldehyde 7.00%

When to use it: Low-foaming version of Synergize™ Disinfectant. Recommended for use in cool cell systems, evaporative coolers, and other areas where low-foaming disinfecting and the control of mold, algae, and the spread of aerosol disease is a priority. Use as directed.

#24494...Synergize Cool

Sani Kleen

Contains: Heavy Duty Quaternary Ammonium Chlorides

When to use it: Sani Kleen is a heavy-duty disinfectant cleaner. It is useful on numerous gram positive and gram negative bacteria. It can also be used as a sanitizer and in shoe baths if cleaned daily.

How to Mix: 2 to 3 ounces per gallon of water for all general applications. Allow at least a 10-minute contact time before residue is removed.

#24792 ....Sani Kleen

Kleen Cres

Contains: o-Cresol <30% 2,6 – dimethyl–Phenol <7.5% Dimethyl phenol <7.5% Methyl phenol <7.5% Phenol <7.5%

When to use it: Cleaning broiler houses, brooder, layer houses, livestock barns, farrowing pens, foaling pens, stalls, calf hutches, pig parlors, poultry crates, animal transport vehicles and farm equipment. Recommended for use on hard, non-porous inanimate surfaces such as finished concrete, finished wood, plastic, enameled, and metal surfaces of livestock handling equipment, housing and transportation equipment.

How to Mix: 20-40 gallons per 1000 sq. ft. of floor space, or at a rate of 2 ounces Kleen Cres per 3 gallons water (1:200).

#WYBIO.. Kleen Cres

Virkon® S

Contains: A balanced, stabilized blend of peroxygen compounds, surfactant, organic acids and an inorganic buffer system.

When to use it: Broad spectrum virucidal disinfectant for livestock disease prevention and control. Proven highly effective against 65 strains of virus in over 19 viral families, 400 strains of bacteria and over 100 strains of fungi including Avian Influenza (H5N1), Newcastle Disease, Classical Swine Fever (Hog Cholera) and Foot and Mouth Disease.

How to Mix: 1% is recommended for Poultry applications: 1.3 ounces of Virkon® S per gallon of water. If solution contacts metal surfaces or equipment, wash off residue with water after 10 minutes.

#361221..Virkon® S

Virocid Disinfectant

Contains: Alkyl dimethyl benzyl ammonium chloride 17.7%, didecyl dimethyl ammonium chloride 8.1%, glutaraldehyde 11.2%.

When to use it: A highly-concentrated and broad spectrum disinfectant effective against Viruses, Bacteria & Fungi.

How to Mix: To disinfect hard non-porous surfaces (livestock equipment, floors, walls, table tops, counter tops), apply a 0.25% (1:400 parts) solution to thoroughly wet surface. Spray the surface and let stand for 10 minutes. VIROCID is a concentrate that can be used with a mop, sprayers, sponge, or by soaking. Heavily soiled surfaces should be pre-cleaned prior to disinfection. All food contact surfaces must be thoroughly rinsed with potable water after disinfection.

#BV061 ....Virocid Disinfectant

Quatcide 20%

Contains: Dimethyl benzyl ammonium chloride 10% and Dimethyl ethylbenzyl ammonium chloride 10%

When to use it: Quatcide 20% is a high potency disinfectant with a broad range of germicidal activity. It can be used on equipment and housing clean of organic material. It is also effective against many dangerous microorganisms. See Product label for specifics.

How to Mix: 1-3/4 ounces per 5 gallons of water for disinfecting and 1-1/4 ounces per 10 gallons of water for sanitation purposes.

#BT001 .... Quatcide 20%

Dyne O Might

Contains: Propionic Acid 25 – 50%; PolyoxyethylenePolyoxypropylene Iodine Complex 0.42%; Phosphoric Acid 5 – 20%

Why use it: Provides disinfection in the presence of high organic matter, Litter pH adjustment, can inhibit dust and help control ammonia. Also proven efficacy against vegetative clostridium perfringens known to cause Gangrenous dermatitis.

#36730 ....5 Gal
#39832 ....1 Gal

Universal Barn Cleaner

Contains: Foam Boosters and Chelating Agents

When to use it: A general purpose cleaner and deodorizer.

How to use it: poultry, swine, farm animal housing mix at a rate of 1 part to 250 - 500 parts of water.

#D12568757......................Universal Barn Cleaner

General Disinfectants

1.75% Iodine

Use for sanitation of drinking water and general disinfection.

#SJC0001 .... 1-gallon container

Barnstorm

Contains: Phosphoric Acid 10-35%; Dodecylbenzene Sulfonic Acid 5-35%
When to use it: Heavy-duty, concentrated cleaner and descaler. It has a unique blend of specially formulated acids and a high-foaming detergent designed to remove both organic and inorganic soils from surfaces prior to disinfection. The mixture penetrates through the "biofilm" left behind on walls, floors and crates.

#MS3595 .... Barnstorm

DC & R Disinfectant

Contains: 2-(Hydroxymethyl)-2-Nitro-1, 3-Propanediol 19.2%; Alkyl (C12-67%, C14-25%, C16-7%, C8, C10, C18-1%) dimethyl benzyl ammonium chloride 3.08%; Formaldehyde 2.28%
When to use it: Especially suited for equipment, which may harbor or spread germs or microorganisms. This broad spectrum residual disinfectant keeps working for up to 7 days after application. The active ingredients break down, yielding germ-killing levels of formaldehyde in a non-flammable and non-corrosive formulation. Use as directed.

#24700 .... 2.5 gal

Kenosan™

- Unique formula based on new technologies
- Sticky and long-lasting foam
- Extreme dirt penetrating capacity and excellent at breaking down Biofilms.
- Very economical use at 1% concentration.
- Non corrosive
- Contains Sodium Hydroxide and Ethanol
- With Kenosan as part of your disinfection program your disinfectants used like Virocid will be more effective and able to penetrate the pathogens for eradication.

#BV119 .... 5.3 gal

Tek-Trol

Tek-Trol is the standard used to judge other swine and poultry disinfectants. Tek-Trol is a 26% triple phenolic compound that has an economical dilution of 1/2 oz. per gal. of water. Provides the broadest spectrum of germicidal activity available and EPA approved residual control.

#TEK-003 .... Gallon liquid

Tek-Trol Aerosol

A spot disinfectant for use on boots, clothing, vehicles and hand tools. Non-staining, quick drying and ideally suited for service personnel moving from location to location.

#TEK-001 .... 17 oz. aerosol spray can

Cool Cell Treatments

Triple-C by Proxy Clean Cool Cell Descaler

Triple-C® is a proprietary blend of acids and surfactants designed to clean and remove scale and mineral buildup from cool cell pads. Why use it: Triple-C® provides a unique scrubbing action that effectively loosens and removes scale, mineral and heavy metal deposits from cool cell pads. How to Mix: Add 1 Qt to recirculation tank.

#PCP05 ...... Triple-C by Proxy Clean Cool Cell Descaler

CWT Cool Cell Algaecide Treatment

Contains: Dimethyl benzyl ammonium chloride 16%.
When to use it: Used for the control of algae and algae slime growth in recirculating cooling systems.
How to Mix: Multiple application options available on product label. Use as directed.

#CWTUN1903 .... CWT Cool Cell Algaecide Treatment

Cool-N-Klean Descaler

Contains: Surfactants and organic acids.
When to use it: Cool-N-Klean is a replacement for Aqua Max. It is a cleaner and descaler for water lines and cool cell pad systems.
How to Mix: Apply Cool-N-Klean per manufacturer's recommendations which are listed on the product jug depending on the type of application.

#I52996 .... Cool-N-Klean Descaler

Cool Cell Treatments

DeVere Powder Descaler

Contains: Citric acid, a buffer and quaternary ammonium chloride
Why use it: When used according to directions, this product will remove all types of mineral scale without harming evaporative cooling pads. This product also decreases the need to clean headers and nozzles that can become plugged with minerals.
How to mix: Add product to reservoir tank to make 0.5% (by weight) solution (4 lbs. per 100 gals of water).

#MPD8 .... 8 lb
#MPD100 .... 100 lb

Odor Control

Odor Pro

Odor Eliminator is designed to remove odors from kennels, offices, vehicles and even clothing. Spray into the air or use as a rinse additive in the washing machine. Anti-Bacterial Deodorizing Body Wash 1 Gallon. Designed to neutralize offensive odors. Simply use as normal hand soap or shampoo. Leave on hair and body for approx. 2 minutes for best effectiveness.

#109071A .... 1/2 gal. Bottles
#109074 .... Body Wash 1 gal

A MORE EFFECTIVE WAY TO CLEAN AND PROTECT SURFACES.

SWASH™ is a carefully formulated liquid that boosts sanitation levels in poultry and swine houses. SWASH™ alters dust, soil and waste's ability to build up on surfaces, while inhibiting the formation of organic films. The product increases sanitation levels and cuts required cleaning time by up to 50 percent, leaving you with more time for other aspects of animal care.

* Swash products are not disinfectants nor are they being marketed as disinfectants

SWASHDUST-REPEL™

SWASHDUST-REPEL™ is soil releasing, non-acidic, and non-corrosive product that is applied to plastic, fiberglass, or galvanized steel fans, cowlings, shutters, louvers, and light traps to reduce the buildup of dust and organic matter. Treating with Swash reduces wash time and improves cleaning and disinfectant effectiveness.

#SWASH ....3.5 gal.

SWASHHOUSE™

SWASHHOUSE™ can also serve as a sanitation tool for swine facilities. Fecal matter leftover after the cleaning process poses a serious health risk to piglets. Applying SWASH for Swine™ between groups ensures a cleaner, safer environment for pigs.

#SWASHH5.. 5 gal.

SWASHCOOL-CELL™

SWASHCOOL-CELL™ balances the systems pH level, keeps minerals soluble, and disperses dirt and dust so as to not stick on the pads. It treats algae, mineral buildup, scaling and iron.

#SWASHCOOLCELL5 .... 5 gal.

SWASHEQUIPMENT™

For use on tractors, trucks, cars, mowers, combines and more. SWASHEQUIPMENT™ can be applied to all surfaces after cleaning your vehicles or equipment and is safe to apply on all painted surfaces and glass. No drying or rinsing required

#SWASHEQ5 ....5 gal.

BioSafe Systems
Water treatment and biosecurity

SaniDate 5.0®

SaniDate 5.0® is a powerful and effective EPA-registered sanitizer/disinfectant. The highly stabilized 5% peroxyacetic acid (PAA) formulation is composed of organic acids and hydrogen peroxide developed for a wide variety of agricultural applications. It's extensive labeling and versatile composition makes it ideal for many poultry water treatments and biosecurity applications.

- Labeled for treatment of poultry drinking water, for line clean-out, and in evaporative cooling systems
- Labeled for use on shell and casing eggs
- Safe for use on both food and non-food contact surfaces
- Effective against Staphylococcus aureus, Klebsiella pneumoniae, E.coli, and Avian Influenza (H9N2)
- OMRI listed, Made in USA, Kosher

#BSS01 ....2.5 gal.

Poultry Drinking Water Treatments

After water lines have been cleaned, use SaniDate 5.0 continuously to control algae and bacteria in drinking water and to control mineral buildup in watering lines. Use of SaniDate 5.0 for poultry drinking water has shown to decrease mortality levels, increase weight and feed conversion, and improve overall bird gut health.
- Use SaniDate 5.0 at 0.85–1.27 fl. oz. per 100 gallons of water.
- To make a stock solution, mix 5–8 fl. oz. of SaniDate 5.0 per 5 gallons of water (1–1.6 fl. oz. per 1 gallon of water) and set metering pump at 1 fl. oz. of stock solution to 1 gallon of water (1:128).
- BioSafe Systems recommends starting at 1 fl. oz. of SaniDate 5.0 per gallon of water in the stock solution for the first 2 days and then adjust to 1.6 fl. oz. per gallon of water for the stock solution.
- Do not mix SaniDate 5.0 with other products in the same stock solution. Use low rate when applying for more than 5 consecutive days.

Cleaning Poultry Water Lines Between Flocks

Use SaniDate 5.0 to remove biofilm, scale, mineral buildup and heavy soils from watering systems.
- Set dosing pump to 1:128 (1 fl. oz. per gallon of water) and inject SaniDate 5.0 solution into the system. Make sure there is adequate air release.
- Remove cap at the end of the drinking system to check for fizzing or bubbling to ensure SaniDate 5.0 has reached every point. Activate all nipples and cups.
- Allow system to circulate or hold in water lines for 12–24 hours.
- Thoroughly flush system with potable water once system is clean. Once again, activate all nipples and cups.

Rapid Flush
- Dose stock solution into water line at 1:50 (2% solution or 2.5 fl. oz. of SaniDate 5.0 per 1 gallon of water.)
- Activate drinking nipples and cups.
- Circulate or hold solution in systems for 3–6 hours depending on conditions.
- Flush system with potable water.

Evaporative Cooling Systems

SaniDate 5.0 helps routine maintenance of evaporative cooling pads and systems. Use SaniDate 5.0 for seasonal clean out treatments, or run continuously to prevent bacteria, algae, and heavy soil build-up. Discontinue any chlorine or bromine treatments before using.

Cleaning Cool Cell Pads
- After cleaning pads of gross filth, run SaniDate 5.0 at 15-22 fl. oz. per 1,000 gallons of water.
- To increase efficiency, add approved foaming agent at 4 oz. per 1 gallon of water.
- Prevent algae growth and scale build up by adding 8 oz. of SaniDate 5.0 per 1,000 gallons of water.

Treatment of Cooling Water Systems
- For either shock, intermittent or continuous dosing apply 4.5 to 22.5 fl. oz. of SaniDate 5.0 solution per 1,000 gallons of water (2-9 ppm of peroxyacetic acid).
- Repeat treatment as required to maintain control.

Sales Contacts for
New Construction and Remodeling

Worry-Free, Hassle-Free Construction. Completed start to finish from the experts in building better farms!

MIDWEST SWINE

Iowa – Wisconsin

Chad Grouwinkel	Midwest Sales Manager	515-368-2730
Steve Poland	Carroll, IA	712-830-0322
Matt Rohrig	Orient, IA	641-344-8869
John Boleyn	Humboldt, IA	515-368-0636
Brian Long	Algona, IA	515-320-3880
Jason Billings	Lancaster, WI	515-368-0413

Minnesota

Mark Perkins	Cleveland, MN	507-381-8644
Mike Thode	Pipestone, MN	507-820-2552

Kansas – Nebraska – South Dakota

Andy Borer	Columbus, NE	402-741-2184
Mark Stender	Elk Point, SD	712-221-7661

Missouri – Arkansas

Terry Fox	Decatur, IA	641-344-9898
Steve Salsman	Wentworth, MO	417-737-2093

Illinois – Indiana – Michigan – Kentucky – Ohio

Ross Thompson	Normal, IL	309-831-6881
Jake Erickson	Indianapolis, IN	260-224-4051
Eric Reed	Three Rivers, MI	269-587-0420
Pat Williams	Ohio	937-423-1159

West/Southwest

Kevin Braden	General Manager Guymon, OK	620-202-2882
Durwood Askew	Utah/West Coast	910-590-9053

MIDWEST POULTRY

Arkansas – Missouri – Iowa – Minnesota – Wisconsin

Matt Holdeman	Midwest Sales Manager	515-890-4028
Colby Elliott	IA, MN & WI	641-220-1220
Mike Sears	AR/MO Regional Manager	479-435-4255
Matt Goforth	Siloam Springs, AR	417-238-2229
Daniel Yates	Hindsville, AR	479-236-2469
Ricky Bryan	Fort Smith, AR	479-222-4662
Monte Rhodes	MO, Cage-Free Layer Equipment	660-620-0541

EGG LAYER

Dane Schipper	Midwest Sales Manager	641-426-6849
Dave Nicks	Midwest US	712-540-9327
Aaron Moystner	OH, MI & IN	260-251-2390

INTERNATIONAL SALES

Jeff Smith	International Swine, *Se Habla Español*	910-214-9569
Eric Soza	International Swine, *Se Habla Español*	910-305-3386
Gregg Jackson	International Poultry	336-406-2348

NORTH CAROLINA SWINE

Fritz Richards	National Sales Manager	910-590-6366
Frank Keene	North Carolina	910-214-1197
Kenny Bass	North Carolina	910-590-9523
Shelton Johnson	North Carolina	910-590-9025
Pat Usher	North Carolina	910-990-1413
Frankie Warren	North Carolina	919-738-0124

NORTH CAROLINA POULTRY

Vann Pierce	Regional Sales Manager	252-287-5002
Walt Pope	Rose Hill, NC	910-214-6158
Chancey Walker	Beulaville, NC	910-590-6411
Kere Wade	Ahoskie/Aulander, NC	252-287-9927
Robert Herman	Taylorsville, NC	828-302-5950
Brian Saunders	Hartsville, SC	910-974-0753
Chuck Sutton	NC/SC/DE/MD/VA Sales Manager	252-370-0807

SOUTHEAST POULTRY

Georgia – Tennessee – Alabama – Arkansas

Doug Scroggs	Sales Manager	706-244 5428
Jacob Williams	Calhoun, GA	706-988-4416
Chris Jones	Royston, GA	706-658-5189
Madison Williams	Roberta, GA	678-699-6379
Timmy Gee	Royston, GA	706-498-0950
Paul Butcher	Shelbyville, TN	931-993-2305
Jason Pichelmayer	Holly Pond, AL	256-590-7565
Ricky Bryan	Ft. Smith, AR	479-222-4662
Matt Goforth	Siloam Springs, AR	417-238-2229

Mississippi – Louisiana – Texas

Patrick Harrison	Sales Manager	601-443-1688
Chad Holland	Magee, MS	601-382-2293
Ricky Holmes	Carthage, MS	601-507-0759
Derin Bonner	Summit, MS	601-248-0200

Western Kentucky – Tennessee

Tyson Nightingale	Mayfield, KY	270-970-9835

EASTERN SHORE POULTRY

Jim Karsnitz	Regional Sales Manager	410-251-1687
Spencer Hill	Delaware/Maryland	302-258-8457
Adam Mariner	Maryland/Virginia	302-604-2050

SHENDANDOAH AG SUPPLY

Andrew Robyak	Harrisonburg, VA	717-756-2730
Frank Pileski	Bridgewater, VA	540-480-6030

ORDERING INFORMATION

Monday-Friday 8:00am to 5:00pm C.S.T. • Fax your order 24 hours a day, 7 days a week.
Hog Slat Midwest FAX @ 515-332-3126 • Hog Slat S. E. • FAX @ 910-594-0010 • Georgia Poultry FAX @ 706-245-0496.

Orders placed before 1:00pm will be shipped the same day. Please have item number ready when ordering. Shipping charges will be calculated based on the weight of your order and the distance it must travel.

METHODS OF PAYMENT
• Visa, MasterCard, Discover/Novus and John Deere Financial
• C.O.D's are available by UPS with an additional charge of $10.00 per package
• Pre-Payment - Please call for freight cost
• Items too large for UPS will be shipped by motor freight
• Next-day and second-day air deliveries available at an additional charge
• Freight charges are the customer's responsibility
• Report any damaged merchandise to UPS upon delivery

• Due to manufacturer's updating prices, products and specifications, prices are subject to change without notice
• Some items in this circular may require some assembly or installation, which is available at an additional cost at your nearest Hog Slat parts and service department.
• Items are subject to availability
• We reserve the right to limit quantities and correct printing errors.

These items were selected in advance based on warehouse availability. In the event we are out of any particular item, every item can be ordered for you at the advertised price unless specifically noted otherwise. **RETURN POLICY:** Please call for authorization to return merchandise. All items must be returned within 30 days from the date of purchase. Items must be returned in clean and saleable condition. Special order items are not returnable. All returns are subject to a restocking fee.

HOG SLAT ®

GEORGIA® POULTRY EQUIPMENT CO.

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